

April 18, 2024

**Entrada Consulting Group**

**Chelsea Veryter**

**330 Grand Ave. Unit C**

**Grand Junction CO 81501**

**Project Name - Chevron - HSR - Lambert 10-26**

**Project Number - [none]**

Attached are your analytical results for Chevron - HSR - Lambert 10-26 received by Origins Laboratory, Inc. April 08, 2024. This project is associated with Origins project number Y404230-01.

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, Inc.  
303.433.1322  
o-squad@oelabinc.com



Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - HSR - Lambert 10-26

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH01@6	Y404230-01	Soil	April 8, 2024 9:00	04/08/2024 14:00
FLR01@4	Y404230-02	Soil	April 8, 2024 9:05	04/08/2024 14:00
WH01-S@4	Y404230-05	Soil	April 8, 2024 9:20	04/08/2024 14:00
GW01	Y404230-06	Water	April 8, 2024 9:30	04/08/2024 14:00

Origins Laboratory, Inc.



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

Chelsea Veryer  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

Origins Laboratory

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

**Sample Receipt Checklist**

Origins Work Order: Y404 230

Client: Entrada  
 Client Project ID: Lambert 10-26

Checklist Completed by: EHS  
 Date/time completed: 4/8/12

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

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

Cooler Number/Temperature: 1 / 14.1 °C \_\_\_\_\_ / \_\_\_\_\_ °C \_\_\_\_\_ / \_\_\_\_\_ °C (Describe)

Thermometer ID: T005

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> ?		<input checked="" type="checkbox"/>		<u>SO</u>
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 <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?		<input checked="" type="checkbox"/>		
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? <b>If yes, contact client and note in narrative.</b>		<input checked="" type="checkbox"/>		
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)	<input checked="" type="checkbox"/>			<u>Not checked</u>
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.

Reviewed by (Project Manager) [Signature] Date/Time Reviewed 4/9/12

Origins Laboratory, Inc.

[Signature]

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

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

WH01@6  
 4/8/2024 9:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y404230-01 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.314		0.101	mg/L	1	B4D1011	04/10/2024	04/11/2024	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4D1023	04/10/2024	04/11/2024	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	92.7 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4D1042	04/10/2024	04/14/2024	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	101 %		70-130			"	"	"	
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Entrada Consulting Group  
 330 Grand Ave. Unit C  
 Grand Junction CO 81501

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

WH01@6  
 4/8/2024 9:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y404230-01 (Soil)

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	98.0 %		70-130			B4D10 42	04/10/2024	04/14/2024	
Surrogate: 4-Bromofluorobenzene	104 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.53		0.499	meq/L	10	[CALC]	04/09/2024	04/10/2024	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	3.41		0.435	"	"	"	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	ND		0.002	mg/kg	1	B4D1130	04/11/2024	04/13/2024	Ua
2-Methylnaphthalene	ND		0.002	"	"	"	"	"	Ua
Acenaphthene	ND		0.020	"	"	"	"	"	Ua
Anthracene	ND		0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND		0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND		0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND		0.020	"	"	"	"	"	Ua
Chrysene	ND		0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND		0.020	"	"	"	"	"	Ua
Fluoranthene	ND		0.020	"	"	"	"	"	Ua

Origins Laboratory, Inc.



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 Grand Junction CO 81501

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

WH01@6  
 4/8/2024 9:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y404230-01 (Soil)

**PAH by EPA 8270E**

Fluorene	ND		0.020	mg/kg	1	B4D1130	04/11/2024	04/13/2024	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	98.7 %		60-130			"	"	"	
Surrogate: Anthracene-d10	100 %		60-130			"	"	"	
Surrogate: Pyrene-d10	92.2 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	94.1 %		60-130			"	"	"	

**pH in Soil by 9045D**

pH	8.56			pH Units	1	B4D0913	04/09/2024	04/10/2024	
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**SAR by 20B Saturated Paste**

SAR	3.21		0.0100	SAR	1	B4D0910	04/09/2024	04/10/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.771		0.00500	mmhos/cm	1	B4D0913	04/09/2024	04/10/2024	
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**Table 915 metals by EPA 6020B**

Origins Laboratory, Inc.



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

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

WH01@6  
 4/8/2024 9:00:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y404230-01 (Soil)

**Table 915 metals by EPA 6020B**

Arsenic	2.36		0.286	mg/kg	10	B4D0918	04/09/2024	04/10/2024	
Barium	78.0		9.87	"	"	"	"	"	
Cadmium	0.104		0.0987	"	"	"	"	"	
Copper	ND		9.87	"	"	"	"	"	
Lead	8.72		0.987	"	"	"	"	"	
Nickel	5.77		0.987	"	"	"	"	"	
Selenium	ND		0.257	"	"	"	"	"	
Silver	0.107		0.0987	"	"	"	"	"	
Zinc	ND		36.5	"	"	"	"	"	

**Total Metals by 7196A**

Hexavalent Chromium	ND	0.173	0.433	mg/kg dry	1	2596345	04/12/2024	04/15/2024	U
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Origins Laboratory, Inc.



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

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

FLR01@4  
 4/8/2024 9:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y404230-02 (Soil)

**Boron (DTPA Sorbitol)**

Boron	0.326		0.0998	mg/L	1	B4D1012	04/10/2024	04/11/2024	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		25.0	mg/kg	1	B4D1023	04/10/2024	04/11/2024	Ua
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	89.1 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4D1042	04/10/2024	04/14/2024	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	Ua

Surrogate: 1,2-Dichloroethane-d4	102 %		70-130			"	"	"	
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Entrada Consulting Group  
 330 Grand Ave. Unit C  
 Grand Junction CO 81501

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

FLR01@4

4/8/2024 9:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y404230-02 (Soil)

**GBTEX+TMBs by 8260D**

Surrogate: Toluene-d8	97.3 %		70-130			B4D10 42	04/10/2024	04/14/2024	
Surrogate: 4-Bromofluorobenzene	105 %		70-130			"	"	"	

**Metals by Saturated Paste by EPA 6010**

Calcium	1.96	0.499	meq/L	10	[CALC]		04/09/2024	04/10/2024	
Magnesium	0.840	0.823	"	"	"	"	"	"	
Sodium	3.55	0.435	"	"	"	"	"	"	

**PAH by EPA 8270E**

1-Methylnaphthalene	0.002	0.002	mg/kg	1	B4D1130		04/11/2024	04/13/2024	
2-Methylnaphthalene	0.002	0.002	"	"	"	"	"	"	
Acenaphthene	ND	0.020	"	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	"	Ua

Origins Laboratory, Inc.



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

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

FLR01@4

4/8/2024 9:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y404230-02 (Soil)**

**PAH by EPA 8270E**

Fluorene	ND		0.020	mg/kg	1	B4D1130	04/11/2024	04/13/2024	Ua
Indeno (1,2,3-cd) pyrene	ND		0.020	"	"	"	"	"	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	98.9 %		60-130			"	"	"	
Surrogate: Anthracene-d10	101 %		60-130			"	"	"	
Surrogate: Pyrene-d10	89.1 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	93.6 %		60-130			"	"	"	

**pH in Soil by 9045D**

pH	8.41			pH Units	1	B4D0913	04/09/2024	04/10/2024	
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**SAR by 20B Saturated Paste**

SAR	3.00		0.0100	SAR	1	B4D0910	04/09/2024	04/10/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.700		0.00500	mmhos/cm	1	B4D0913	04/09/2024	04/10/2024	
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**Table 915 metals by EPA 6020B**

Origins Laboratory, Inc.



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

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

FLR01@4

4/8/2024 9:05:00AM

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
 Y404230-02 (Soil)

**Table 915 metals by EPA 6020B**

Arsenic	1.89	0.282	mg/kg	10	B4D0918	04/09/2024	04/10/2024	
Barium	57.4	9.72	"	"	"	"	"	
Cadmium	0.152	0.0972	"	"	"	"	"	
Copper	ND	9.72	"	"	"	"	"	
Lead	12.3	0.972	"	"	"	"	"	
Nickel	4.29	0.972	"	"	"	"	"	
Selenium	ND	0.253	"	"	"	"	"	
Silver	0.132	0.0972	"	"	"	"	"	
Zinc	ND	36.0	"	"	"	"	"	

**Total Metals by 7196A**

Hexavalent Chromium	ND	0.137	0.343	mg/kg dry	1	2596345	04/12/2024	04/15/2024	U
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Origins Laboratory, Inc.



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

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**WH01-S@4**

**4/8/2024 9:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y404230-05 (Soil)**

**Boron (DTPA Sorbitol)**

Boron	0.309		0.0991	mg/L	1	B4D1012	04/10/2024	04/11/2024	
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**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	36.8		25.0	mg/kg	1	B4D1023	04/10/2024	04/11/2024	
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	Ua

Surrogate: o-Terphenyl	93.1 %		50-150			"	"	"	
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**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B4D1042	04/10/2024	04/14/2024	Ua
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Benzene	ND		0.00200	"	"	"	"	"	Ua
Ethylbenzene	ND		0.00200	"	"	"	"	"	Ua
Toluene	ND		0.00200	"	"	"	"	"	Ua
Xylenes, total	ND		0.00200	"	"	"	"	"	Ua
Gasoline Range Hydrocarbons	2.86		0.200	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4	103 %		70-130			"	"	"	
Surrogate: Toluene-d8	95.6 %		70-130			"	"	"	

Origins Laboratory, Inc.



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

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**WH01-S@4**

**4/8/2024 9:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y404230-05 (Soil)**

**GBTEX+TMBs by 8260D**

Surrogate: 4-Bromofluorobenzene 103 % 70-130 B4D10 42 04/10/2024 04/14/2024

**Metals by Saturated Paste by EPA 6010**

Calcium	1.49	0.499	meq/L	10	[CALC]	04/09/2024	04/10/2024
Magnesium	ND	0.823	"	"	"	"	"
Sodium	2.59	0.435	"	"	"	"	"

**PAH by EPA 8270E**

1-Methylnaphthalene	ND	0.002	mg/kg	1	B4D1130	04/11/2024	04/13/2024	Ua
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	Ua
Acenaphthene	ND	0.020	"	"	"	"	"	Ua
Anthracene	ND	0.020	"	"	"	"	"	Ua
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	Ua
Benzo (a) pyrene	ND	0.020	"	"	"	"	"	Ua
Benzo (b) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Benzo (k) fluoranthene	ND	0.020	"	"	"	"	"	Ua
Chrysene	ND	0.020	"	"	"	"	"	Ua
Dibenz (a,h) anthracene	ND	0.020	"	"	"	"	"	Ua
Fluoranthene	ND	0.020	"	"	"	"	"	Ua
Fluorene	ND	0.020	"	"	"	"	"	Ua

Origins Laboratory, Inc.



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

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**WH01-S@4**

**4/8/2024 9:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y404230-05 (Soil)**

**PAH by EPA 8270E**

Indeno (1,2,3-cd) pyrene	ND		0.020	mg/kg	1	B4D1130	04/11/2024	04/13/2024	Ua
Naphthalene	ND		0.002	"	"	"	"	"	Ua
Pyrene	ND		0.020	"	"	"	"	"	Ua

Surrogate: Fluorene-d10	97.8 %		60-130			"	"	"	
Surrogate: Anthracene-d10	94.4 %		60-130			"	"	"	
Surrogate: Pyrene-d10	92.0 %		60-130			"	"	"	
Surrogate: Benzo (a) pyrene-d12	94.6 %		60-130			"	"	"	

**pH in Soil by 9045D**

pH	8.57			pH Units	1	B4D0913	04/09/2024	04/10/2024	
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**SAR by 20B Saturated Paste**

SAR	2.46		0.0100	SAR	1	B4D0910	04/09/2024	04/10/2024	
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**Specific Conductance Mod. 9050A**

Specific Conductance (EC)	0.735		0.00500	mmhos/cm	1	B4D0913	04/09/2024	04/10/2024	
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**Table 915 metals by EPA 6020B**

Arsenic	1.89		0.258	mg/kg	10	B4D0918	04/09/2024	04/10/2024	
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Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**WH01-S@4**

**4/8/2024 9:20:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y404230-05 (Soil)**

**Table 915 metals by EPA 6020B**

Barium	60.8		8.90	mg/kg	10	B4D0918	04/09/2024	04/10/2024	
Cadmium	ND		0.0890	"	"	"	"	"	
Copper	ND		8.90	"	"	"	"	"	
Lead	6.59		0.890	"	"	"	"	"	
Nickel	4.89		0.890	"	"	"	"	"	
Selenium	ND		0.231	"	"	"	"	"	
Silver	0.0890		0.0890	"	"	"	"	"	
Zinc	ND		32.9	"	"	"	"	"	

**Total Metals by 7196A**

Hexavalent Chromium	ND	0.171	0.427	mg/kg dry	1	2596345	04/12/2024	04/15/2024	U
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 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**GW01**

**4/8/2024 9:30:00AM**

Analyte	Result	Min Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y404230-06 (Water)**

**DRO/ORO by EPA 8015D**

Diesel (C10-C28)	ND		5.00	mg/L	1	B4D0902	04/09/2024	04/10/2024	Ua
Residual Range Organics (C28-C40)	ND		10.0	"	"	"	"	"	Ua

Surrogate: *o*-Terphenyl 90.0 % 50-150 " " "

**GBTEX+TMBs by 8260D**

1,2,4-Trimethylbenzene	<b>2.20</b>		1.00	ug/L	1	B4D0927	04/09/2024	04/10/2024	
1,3,5-Trimethylbenzene	<b>1.39</b>		1.00	"	"	"	"	"	
Benzene	ND		1.00	"	"	"	"	"	Ua
Ethylbenzene	ND		1.00	"	"	"	"	"	Ua
Toluene	<b>1.35</b>		1.00	"	"	"	"	"	
Xylenes, total	<b>4.78</b>		1.00	"	"	"	"	"	
Gasoline Range Hydrocarbons	<b>442</b>		100	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4 97.5 % 70-130 " " "  
 Surrogate: Toluene-d8 107 % 70-130 " " "  
 Surrogate: 4-Bromofluorobenzene 121 % 70-130 " " "

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 Grand Junction CO 81501

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B4D0902 - EPA 3511 Mod.</b>										
<b>Blank (B4D0902-BLK1)</b>										
					Prepared: 04/09/2024 Analyzed: 04/10/2024					
Diesel (C10-C28)	ND	5.00	mg/L							Ua
Residual Range Organics (C28-C40)	ND	10.0	"							Ua
Surrogate: o-Terphenyl	4.7		"	4.98		93.9	50-150			

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330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - HSR - Lambert 10-26

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D0902 - EPA 3511 Mod.**

**LCS (B4D0902-BS1)**

Prepared: 04/09/2024 Analyzed: 04/10/2024

Diesel (C10-C28)	89.5	5.00	mg/L	100		89.5	70-130			
Residual Range Organics (C28-C40)	96.2	10.0	"	100		96.2	70-130			
Surrogate: o-Terphenyl	4.6		"	4.98		93.1	50-150			

Origins Laboratory, Inc.



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Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D0902 - EPA 3511 Mod.**

**LCS Dup (B4D0902-BSD1)**

Prepared: 04/09/2024 Analyzed: 04/10/2024

Diesel (C10-C28)	86.8	5.00	mg/L	100		86.8	70-130	3.04	20	
Residual Range Organics (C28-C40)	92.3	10.0	"	100		92.3	70-130	4.10	20	
Surrogate: o-Terphenyl	4.6		"	4.98		91.6	50-150			

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 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B4D1023 - EPA 3550B</b>										
<b>Blank (B4D1023-BLK1)</b>										
					Prepared: 04/10/2024 Analyzed: 04/11/2024					
Diesel (C10-C28)	ND	25.0	mg/kg							Ua
Residual Range Organics (C28-C40)	ND	100	"							Ua
Surrogate: o-Terphenyl	22		"	24.9		88.6	50-150			

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 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D1023 - EPA 3550B**

**LCS (B4D1023-BS1)**

Prepared: 04/10/2024 Analyzed: 04/11/2024

Diesel (C10-C28)	937	50.0	mg/kg	1000		93.7	70-130			
Residual Range Organics (C28-C40)	909	200	"	1000		90.9	70-130			
Surrogate: o-Terphenyl	65		"	49.8		130	50-150			

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Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D1023 - EPA 3550B**

<b>Matrix Spike (B4D1023-MS1)</b>	<b>Source: Y404219-01</b>			Prepared: 04/10/2024 Analyzed: 04/11/2024						
Diesel (C10-C28)	928	50.0	mg/kg	1000	ND	92.8	70-130			
Residual Range Organics (C28-C40)	918	200	"	1000	ND	91.8	70-130			
Surrogate: o-Terphenyl	53		"	49.8		107	50-150			

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 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B4D1023 - EPA 3550B</b>										
<b>Matrix Spike Dup (B4D1023-MSD1)</b>					<b>Source: Y404219-01</b>					Prepared: 04/10/2024 Analyzed: 04/11/2024
Diesel (C10-C28)	927	50.0	mg/kg	1000	ND	92.7	70-130	0.131	35	
Residual Range Organics (C28-C40)	924	200	"	1000	ND	92.4	70-130	0.627	35	
Surrogate: o-Terphenyl	54		"	49.8		109	50-150			

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Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D1042 - EPA 5030 (soil)**

**Blank (B4D1042-BLK1)**

Prepared: 04/10/2024 Analyzed: 04/11/2024

1,2,4-Trimethylbenzene	ND	0.00200	mg/kg							Ua
1,3,5-Trimethylbenzene	ND	0.00200	"							Ua
Benzene	ND	0.00200	"							Ua
Ethylbenzene	ND	0.00200	"							Ua
Naphthalene	ND	0.00380	"							Ua
Toluene	ND	0.00200	"							Ua
Xylenes, total	ND	0.00200	"							Ua
Gasoline Range Hydrocarbons	ND	0.200	"							Ua
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125	96.9		70-130			
Surrogate: Toluene-d8	0.13		"	0.125	100		70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125	103		70-130			

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 Grand Junction CO 81501

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D1042 - EPA 5030 (soil)**

**LCS (B4D1042-BS1)**

Prepared: 04/10/2024 Analyzed: 04/11/2024

1,2,4-Trimethylbenzene	0.118	0.00200	mg/kg	0.100		118	70-130			
1,3,5-Trimethylbenzene	0.115	0.00200	"	0.100		115	70-130			
Benzene	0.0994	0.00200	"	0.100		99.4	70-130			
Ethylbenzene	0.114	0.00200	"	0.100		114	70-130			
Naphthalene	0.106	0.00380	"	0.100		106	70-130			
Toluene	0.104	0.00200	"	0.100		104	70-130			
o-Xylene	0.103	0.00200	"	0.100		103	70-130			
m,p-Xylene	0.220	0.00400	"	0.200		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		96.8	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		99.2	70-130			

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

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4D1042 - EPA 5030 (soil)

Matrix Spike (B4D1042-MS1)	Source: Y404211-01			Prepared: 04/10/2024 Analyzed: 04/11/2024						
1,2,4-Trimethylbenzene	0.108	0.00200	mg/kg	0.100	ND	108	70-130			
1,3,5-Trimethylbenzene	0.105	0.00200	"	0.100	ND	105	70-130			
Benzene	0.110	0.00200	"	0.100	ND	110	70-130			
Ethylbenzene	0.109	0.00200	"	0.100	ND	109	70-130			
Naphthalene	0.0899	0.00380	"	0.100	ND	89.9	70-130			
Toluene	0.105	0.00200	"	0.100	ND	105	70-130			
o-Xylene	0.110	0.00200	"	0.100	ND	110	70-130			
m,p-Xylene	0.222	0.00400	"	0.200	ND	111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		100	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		97.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		98.1	70-130			

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 Grand Junction CO 81501

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4D1042 - EPA 5030 (soil)

Matrix Spike Dup (B4D1042-MSD1)	Source: Y404211-01			Prepared: 04/10/2024 Analyzed: 04/11/2024						
1,2,4-Trimethylbenzene	0.127	0.00200	mg/kg	0.100	ND	127	70-130	16.1	20	
1,3,5-Trimethylbenzene	0.124	0.00200	"	0.100	ND	124	70-130	17.1	20	
Benzene	0.124	0.00200	"	0.100	ND	124	70-130	12.0	20	
Ethylbenzene	0.128	0.00200	"	0.100	ND	128	70-130	16.1	20	
Naphthalene	0.110	0.00380	"	0.100	ND	110	70-130	20.4	20	QR-02
Toluene	0.123	0.00200	"	0.100	ND	123	70-130	15.7	20	
o-Xylene	0.130	0.00200	"	0.100	ND	130	70-130	16.5	20	
m,p-Xylene	0.258	0.00400	"	0.200	ND	129	70-130	15.0	20	
Surrogate: 1,2-Dichloroethane-d4	0.12		"	0.125		98.8	70-130			
Surrogate: Toluene-d8	0.12		"	0.125		99.4	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.8	70-130			

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Entrada Consulting Group  
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Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D0918 - EPA 3050B**

**Blank (B4D0918-BLK1)**

Prepared: 04/09/2024 Analyzed: 04/10/2024

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 (B4D0918-BS1)**

Prepared: 04/09/2024 Analyzed: 04/10/2024

Arsenic	5.21	0.290	mg/kg	5.00		104	80-120			
Barium	527	10.0	"	500		105	80-120			
Cadmium	5.32	0.100	"	5.00		106	80-120			
Copper	55.0	10.0	"	50.0		110	80-120			
Lead	5.15	1.00	"	5.00		103	80-120			
Nickel	5.47	1.00	"	5.00		109	80-120			
Selenium	10.3	0.260	"	9.50		109	80-120			
Silver	5.47	0.100	"	5.00		109	80-120			
Zinc	52.8	37.0	"	50.0		106	80-120			

**Matrix Spike (B4D0918-MS1)**

Source: Y404230-01

Prepared: 04/09/2024 Analyzed: 04/10/2024

Origins Laboratory, Inc.



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 Grand Junction CO 81501

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D0918 - EPA 3050B**

<b>Matrix Spike (B4D0918-MS1)</b>		<b>Source: Y404230-01</b>			Prepared: 04/09/2024 Analyzed: 04/10/2024					
Arsenic	7.42	0.287	mg/kg	4.94	2.36	102	75-125			
Barium	606	9.89	"	494	78.0	107	75-125			
Cadmium	5.58	0.0989	"	4.94	0.104	111	75-125			
Copper	66.6	9.89	"	49.4	7.55	119	75-125			
Lead	16.9	0.989	"	4.94	8.72	166	75-125			QM-07
Nickel	10.1	0.989	"	4.94	5.77	87.6	75-125			
Selenium	10.4	0.257	"	9.39	0.196	109	75-125			
Silver	5.73	0.0989	"	4.94	0.107	114	75-125			
Zinc	85.3	36.6	"	49.4	33.9	104	75-125			

<b>Matrix Spike Dup (B4D0918-MSD1)</b>		<b>Source: Y404230-01</b>			Prepared: 04/09/2024 Analyzed: 04/10/2024					
Arsenic	7.03	0.266	mg/kg	4.58	2.36	102	75-125	5.41	20	
Barium	558	9.16	"	458	78.0	105	75-125	8.27	20	
Cadmium	5.17	0.0916	"	4.58	0.104	111	75-125	7.73	20	
Copper	60.8	9.16	"	45.8	7.55	116	75-125	9.04	20	
Lead	16.0	0.916	"	4.58	8.72	158	75-125	5.86	20	QM-07
Nickel	9.64	0.916	"	4.58	5.77	84.6	75-125	4.61	20	
Selenium	9.67	0.238	"	8.70	0.196	109	75-125	7.23	20	
Silver	5.24	0.0916	"	4.58	0.107	112	75-125	8.81	20	
Zinc	79.2	33.9	"	45.8	33.9	98.8	75-125	7.48	20	

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 330 Grand Ave. Unit C  
 Grand Junction CO 81501

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D1130 - EPA 3580**

**Blank (B4D1130-BLK1)**

Prepared: 04/11/2024 Analyzed: 04/13/2024

1-Methylnaphthalene	ND	0.002	mg/kg							Ua
2-Methylnaphthalene	ND	0.002	"							Ua
Acenaphthene	ND	0.020	"							Ua
Anthracene	ND	0.020	"							Ua
Benzo (a) anthracene	ND	0.005	"							Ua
Benzo (a) pyrene	ND	0.020	"							Ua
Benzo (b) fluoranthene	ND	0.020	"							Ua
Benzo (g,h,i) perylene	ND	0.020	"							Ua
Benzo (k) fluoranthene	ND	0.020	"							Ua
Chrysene	ND	0.020	"							Ua
Dibenz (a,h) anthracene	ND	0.020	"							Ua
Fluoranthene	ND	0.020	"							Ua
Fluorene	ND	0.020	"							Ua
Indeno (1,2,3-cd) pyrene	ND	0.020	"							Ua
Naphthalene	ND	0.002	"							Ua
Phenanthrene	ND	0.020	"							Ua
Pyrene	ND	0.020	"							Ua
Surrogate: Fluorene-d10	200		ug/kg	200		97.8	60-130			
Surrogate: Anthracene-d10	220		"	200		111	60-130			
Surrogate: Pyrene-d10	190		"	200		92.8	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.8	60-130			

**LCS (B4D1130-BS1)**

Prepared: 04/11/2024 Analyzed: 04/13/2024

1-Methylnaphthalene	0.199	0.002	mg/kg	0.200		99.6	70-130			
2-Methylnaphthalene	0.195	0.002	"	0.200		97.7	70-130			
Acenaphthene	0.189	0.020	"	0.200		94.7	70-130			
Anthracene	0.183	0.020	"	0.200		91.6	70-130			

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Chelsea Veryer  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D1130 - EPA 3580**

**LCS (B4D1130-BS1)**

Prepared: 04/11/2024 Analyzed: 04/13/2024

Benzo (a) anthracene	0.197	0.005	mg/kg	0.200		98.3	70-130			
Benzo (a) pyrene	0.200	0.020	"	0.200		100	70-130			
Benzo (b) fluoranthene	0.181	0.020	"	0.200		90.6	70-130			
Benzo (g,h,i) perylene	0.200	0.020	"	0.200		100	70-130			
Benzo (k) fluoranthene	0.184	0.020	"	0.200		92.0	70-130			
Chrysene	0.182	0.020	"	0.200		91.0	70-130			
Dibenz (a,h) anthracene	0.193	0.020	"	0.200		96.3	70-130			
Fluoranthene	0.199	0.020	"	0.200		99.3	70-130			
Fluorene	0.190	0.020	"	0.200		94.9	70-130			
Indeno (1,2,3-cd) pyrene	0.230	0.020	"	0.200		115	70-130			
Naphthalene	0.191	0.002	"	0.200		95.3	70-130			
Phenanthrene	0.187	0.020	"	0.200		93.5	70-130			
Pyrene	0.183	0.020	"	0.200		91.3	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		98.1	60-130			
Surrogate: Anthracene-d10	210		"	200		103	60-130			
Surrogate: Pyrene-d10	190		"	200		93.6	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		100	60-130			

**Matrix Spike (B4D1130-MS1)**

**Source: Y404172-01**

Prepared: 04/11/2024 Analyzed: 04/13/2024

1-Methylnaphthalene	0.217	0.002	mg/kg	0.200	ND	108	70-130			
2-Methylnaphthalene	0.211	0.002	"	0.200	ND	106	70-130			
Acenaphthene	0.204	0.020	"	0.200	ND	102	70-130			
Anthracene	0.184	0.020	"	0.200	ND	91.9	70-130			
Benzo (a) anthracene	0.207	0.005	"	0.200	ND	104	70-130			
Benzo (a) pyrene	0.209	0.020	"	0.200	ND	105	70-130			
Benzo (b) fluoranthene	0.208	0.020	"	0.200	0.0003	104	70-130			
Benzo (g,h,i) perylene	0.213	0.020	"	0.200	ND	106	70-130			

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Chelsea Veryer  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D1130 - EPA 3580**

<b>Matrix Spike (B4D1130-MS1)</b>		<b>Source: Y404172-01</b>			Prepared: 04/11/2024 Analyzed: 04/13/2024					
Benzo (k) fluoranthene	0.219	0.020	mg/kg	0.200	ND	109	70-130			
Chrysene	0.199	0.020	"	0.200	0.002	98.2	70-130			
Dibenz (a,h) anthracene	0.193	0.020	"	0.200	ND	96.7	70-130			
Fluoranthene	0.217	0.020	"	0.200	ND	108	70-130			
Fluorene	0.203	0.020	"	0.200	ND	102	70-130			
Indeno (1,2,3-cd) pyrene	0.219	0.020	"	0.200	ND	109	70-130			
Naphthalene	0.208	0.002	"	0.200	ND	104	70-130			
Phenanthrene	0.204	0.020	"	0.200	ND	102	70-130			
Pyrene	0.192	0.020	"	0.200	ND	95.9	70-130			
Surrogate: Fluorene-d10	200		ug/kg	200		98.9	60-130			
Surrogate: Anthracene-d10	210		"	200		105	60-130			
Surrogate: Pyrene-d10	180		"	200		91.6	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.7	60-130			

<b>Matrix Spike Dup (B4D1130-MSD1)</b>		<b>Source: Y404172-01</b>			Prepared: 04/11/2024 Analyzed: 04/13/2024					
1-Methylnaphthalene	0.185	0.002	mg/kg	0.200	ND	92.3	70-130	16.1	20	
2-Methylnaphthalene	0.181	0.002	"	0.200	ND	90.7	70-130	15.2	20	
Acenaphthene	0.175	0.020	"	0.200	ND	87.7	70-130	15.0	20	
Anthracene	0.168	0.020	"	0.200	ND	83.9	70-130	9.09	20	
Benzo (a) anthracene	0.200	0.005	"	0.200	ND	100	70-130	3.35	20	
Benzo (a) pyrene	0.179	0.020	"	0.200	ND	89.3	70-130	15.8	20	
Benzo (b) fluoranthene	0.178	0.020	"	0.200	0.0003	89.0	70-130	15.3	20	
Benzo (g,h,i) perylene	0.181	0.020	"	0.200	ND	90.4	70-130	16.3	20	
Benzo (k) fluoranthene	0.162	0.020	"	0.200	ND	81.1	70-130	29.8	20	QR-02
Chrysene	0.171	0.020	"	0.200	0.002	84.3	70-130	15.0	20	
Dibenz (a,h) anthracene	0.177	0.020	"	0.200	ND	88.6	70-130	8.76	20	
Fluoranthene	0.182	0.020	"	0.200	ND	91.2	70-130	17.1	20	

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 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B4D1130 - EPA 3580

Matrix Spike Dup (B4D1130-MSD1)	Source: Y404172-01			Prepared: 04/11/2024 Analyzed: 04/13/2024						
Fluorene	0.173	0.020	mg/kg	0.200	ND	86.5	70-130	16.0	20	
Indeno (1,2,3-cd) pyrene	0.195	0.020	"	0.200	ND	97.4	70-130	11.5	20	
Naphthalene	0.178	0.002	"	0.200	ND	88.8	70-130	15.8	20	
Phenanthrene	0.175	0.020	"	0.200	ND	87.6	70-130	15.1	20	
Pyrene	0.167	0.020	"	0.200	ND	83.3	70-130	14.1	20	
Surrogate: Fluorene-d10	200		ug/kg	200		98.2	60-130			
Surrogate: Anthracene-d10	210		"	200		105	60-130			
Surrogate: Pyrene-d10	180		"	200		91.6	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.7	60-130			

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 Grand Junction CO 81501

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B4D0910 - Saturated Paste Metals**

**Blank (B4D0910-BLK1)**

Prepared: 04/09/2024 Analyzed: 04/10/2024

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

**Duplicate (B4D0910-DUP1)**

**Source: Y404221-04**

Prepared: 04/09/2024 Analyzed: 04/10/2024

SAR	ND	0.0100	SAR		0.662				200	
Calcium PPM	19.6	10.0	mg/L		19.6			0.00	50	
Magnesium PPM	4.28	10.0	"		4.52			5.45	50	
Sodium PPM	11.3	10.0	"		12.5			10.3	50	

**Batch B4D1011 - DTPA Sorbitol Preparation**

**Blank (B4D1011-BLK1)**

Prepared: 04/10/2024 Analyzed: 04/11/2024

Boron	ND	0.100	mg/L							
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**Duplicate (B4D1011-DUP1)**

**Source: Y404230-01**

Prepared: 04/10/2024 Analyzed: 04/11/2024

Boron	0.309	0.0986	mg/L		0.314			1.54	50	
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**Batch B4D1012 - DTPA Sorbitol Preparation**

**Blank (B4D1012-BLK1)**

Prepared: 04/10/2024 Analyzed: 04/11/2024

Boron	ND	0.100	mg/L							
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**Duplicate (B4D1012-DUP1)**

**Source: Y404230-02**

Prepared: 04/10/2024 Analyzed: 04/11/2024

Boron	0.328	0.0996	mg/L		0.326			0.533	50	
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Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Saturated Paste - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B4D0913 - Saturated Paste pH/EC</b>										
<b>Blank (B4D0913-BLK1)</b>					Prepared: 04/09/2024 Analyzed: 04/10/2024					
Specific Conductance (EC)	ND	0.00500	mmhos/cm							
<b>Duplicate (B4D0913-DUP1)</b>					<b>Source: Y404221-04</b> Prepared: 04/09/2024 Analyzed: 04/10/2024					
pH	8.42		pH Units		8.43			0.119	25	
Specific Conductance (EC)	0.261	0.00500	mmhos/cm		0.297			13.2	25	

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 Grand Junction CO 81501

Chelsea Veryter  
 Project Number: [none]  
 Project: Chevron - HSR - Lambert 10-26

**Total Metals by 7196A - Quality Control**  
**GEL Laboratories, LLC**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 2596345 - SW846 3060A</b>										
<b>BLANK (1205702492-BLK)</b>					Prepared: 04/12/2024 Analyzed: 04/15/2024					
Hexavalent Chromium	ND	0.343	mg/kg				-			U
<b>LCS (1205702493-BKS)</b>					Prepared: 04/12/2024 Analyzed: 04/15/2024					
Hexavalent Chromium	3.86	0.387	mg/kg	3.87		99.9	80-120			
<b>DUP (1205702494 D)</b>					Source: 662737001 Prepared: 04/12/2024 Analyzed: 04/15/2024					
Hexavalent Chromium	ND	0.297	mg/kg dry		<0.119		0-50	N/A	50	U
<b>MS (1205702495 S)</b>					Source: 662737001 Prepared: 04/12/2024 Analyzed: 04/15/2024					
Hexavalent Chromium	2.47	0.365	mg/kg dry	3.65	<0.146	67.6	75-125			
<b>DUP (1205702496 D)</b>					Source: 662772002 Prepared: 04/12/2024 Analyzed: 04/15/2024					
Hexavalent Chromium	ND	0.386	mg/kg dry		0.180		0-50	N/A	50	U
<b>MS (1205702497 S)</b>					Source: 662772002 Prepared: 04/12/2024 Analyzed: 04/15/2024					
Hexavalent Chromium	3.22	0.408	mg/kg dry	4.08	0.180	74.4	75-125			
<b>ILCS (1205702498-ILCS)</b>					Prepared: 04/12/2024 Analyzed: 04/15/2024					
Hexavalent Chromium	6.86	0.340	mg/kg	6.86		100	80-120			

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Chelsea Veryter  
Project Number: [none]  
Project: Chevron - HSR - Lambert 10-26

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### Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

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 Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

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