



Montrose Environmental

Richie Blessing

471 Denver Ave

Loveland CO 80537

July 16, 2025

Project Name - Chevron - Baker State B #36-11

Project Number - 20766

Attached are your analytical results for Chevron - Baker State B #36-11 received by Origins Laboratory February 20, 2025. This project is associated with Origins project number E5B0523-01.

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

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

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

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

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

Origins Laboratory
303.433.1322
projectmanager@originslab.com



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



Montrose Environmental
471 Denver Ave
Loveland CO 80537

Richie Blessing
Project Number: 20766
Project: Chevron - Baker State B #36-11

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL01BKG04@4'	E5B0523-01	Soil	February 20, 2025 9:15	02/20/2025 17:10
FL09@4'	E5B0523-02	Soil	February 20, 2025 12:30	02/20/2025 17:10
FL10@4'	E5B0523-03	Soil	February 20, 2025 12:05	02/20/2025 17:10
FL11@4'	E5B0523-04	Soil	February 20, 2025 11:35	02/20/2025 17:10
FL12@4'	E5B0523-05	Soil	February 20, 2025 11:11	02/20/2025 17:10
FL13@4'	E5B0523-06	Soil	February 20, 2025 10:50	02/20/2025 17:10
FL14@4'	E5B0523-07	Soil	February 20, 2025 9:58	02/20/2025 17:10
FLR02@5'	E5B0523-08	Soil	February 20, 2025 9:30	02/20/2025 17:10

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ES0523

Page 1 of 1


Client: MONTROSE ENVIRONMENTAL Project Manager: Richie Blessing
 Address: 471 DENVER AVE Project Name: BAKER STATE B #36-11
 Telephone Number: LOVELAND CO 80537 Project Number: 20766
 Email Address: CHEVRON - MONTROSE Invoice/Billing Info: Bill to CHEVRON
 Collected By: SC + CR SW-M=Waste Water
 S-Soil | SO-Solid | O-Oil | A-Air | G-Gas | UWP-Urines | HCl-Hydrochloric | HNO3-Nitric | H2SO4-Sulfuric | HAOH-Sodium Hydroxide
 L-Liquid | W-Waste Water

Sample ID	Date	Time	# of Containers	Matrix Preservative	Analysis	Comments
FL01 BK0404	02/20/25	15:15	2	UWP	15-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100	
FL0904	02/20/25	12:30	3			
FL1004	02/20/25	12:05	3			
FL1104	02/20/25	11:35	3			
FL1204	02/20/25	11:11	3			
FL1304	02/20/25	10:50	3			
FL1404	02/20/25	9:58	3			
FLA0205	02/20/25	9:30	3			

Requisitioned By: WNR GALT Date: 02/20/25 Time: 15:12 Received By: WNR Date: 02/20/25 Time: 15:55
 Requisitioned By: WNR Date: 02/20/25 Time: 17:10 Received By: SKW Date: 02/20/25 Time: 17:10

Turnaround Time
 SAME DAY
 24 Hr
 48 Hr
 72 Hr

Temp Received: 5.1°C Received On Ice? Yes No

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Richie Blessing
Project Number: 20766
Project: Chevron - Baker State B #36-11

Origins Laboratory

F-012207-01-R1

Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: ES80523

Client: Montrose

Client Project ID: Baker State

Checklist Completed by: JAR/NKM

Shipped Via: HD

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

Date/time completed: 2/20/25

Airbill #: N/A

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

Water

Other:

(Describe)

Cooler Number/Temperature: 1 / 5.1 °C / °C / °C / °C

Thermometer ID: TC07

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 analysis in order to insure sample integrity)/(pH <2 for samples preserved with HNO3, HCl, H2SO4) / (pH >10 for samples preserved with NaAsO2/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) JAR

Date/Time Reviewed 2/24/25

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EHO

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Richie Blessing
 Project Number: 20766
 Project: Chevron - Baker State B #36-11

FL01BKG04@4'
2/20/2025 9:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-01 (Soil)									
Enthalpy Analytical									
Total Metals by SW7199									
Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC1105	03/20/2025	03/20/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.793		0.0987	mg/L	1	B5B2109	02/21/2025	02/24/2025	
Metals by Saturated Paste by EPA 6010									
Calcium	26.7		0.499	meq/L	10	[CALC]	02/21/2025	02/26/2025	
Magnesium	13.7		0.823	"	"	"	"	"	
Sodium	23.4		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	7.98			pH Units	1	B5B2113	02/21/2025	02/25/2025	
SAR by 20B Saturated Paste									
SAR	5.21		0.0100	SAR	1	B5B2105	02/21/2025	02/26/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	4.92		0.00500	mmhos/cm	1	B5B2113	02/21/2025	02/25/2025	

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FL01BKG04@4'
2/20/2025 9:15:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5B0523-01 (Soil)
Origins Laboratory

Table 915 metals by EPA 6020B

Arsenic	3.49		0.275	mg/kg	10	B5B2022	02/20/2025	02/24/2025	
Barium	124		9.50	"	"	"	"	"	"
Cadmium	0.120		0.0950	"	"	"	"	"	"
Copper	11.3		9.50	"	"	"	"	"	"
Lead	8.76		0.950	"	"	"	"	"	"
Nickel	10.6		0.950	"	"	"	"	"	"
Selenium	ND		0.247	"	"	"	"	"	"
Silver	ND		0.0950	"	"	"	"	"	"
Zinc	55.2		35.1	"	"	"	"	"	"

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FL09@4'

2/20/2025 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-02 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00291	0.00600	mg/kg	1	BIB1100	02/26/2025	02/28/2025	
2-Methylnaphthalene	ND	0.00728	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0404	0.0833	"	"	"	"	"	
Anthracene	ND	0.0404	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00534	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0404	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0404	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0404	0.0833	"	"	"	"	"	
Chrysene	ND	0.0404	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0404	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0404	0.0833	"	"	"	"	"	
Fluorene	ND	0.0404	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0404	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00184	0.00380	"	"	"	"	"	
Pyrene	ND	0.0404	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	82.4 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	65.2 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	63.5 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	58.8 %				21-100	"	"	"	

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FL09@4'

2/20/2025 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5B0523-02 (Soil) Enthalpy Analytical

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	70.8 %			13-100		BIB1100	02/26/2025	02/28/2025	
Surrogate: p-Terphenyl-d14 (Surr)	72.7 %			25-125		"	"	"	

Total Metals by SW7199

Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC0870	03/17/2025	03/17/2025	
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Boron (DTPA Sorbitol)

Boron	0.203		0.0988	mg/L	1	B5B2109	02/21/2025	02/24/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2122	02/21/2025	02/24/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	95.5 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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FL09@4'

2/20/2025 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-02 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	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	114 %								
Surrogate: Toluene-d8	112 %								
Surrogate: 4-Bromofluorobenzene	95.2 %								
Metals by Saturated Paste by EPA 6010									
Calcium	1.66		0.499	meq/L	10	[CALC]	02/21/2025	02/26/2025	
Magnesium	1.10		0.823	"	"	"	"	"	
Sodium	2.16		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.24			pH Units	1	B5B2113	02/21/2025	02/25/2025	
SAR by 20B Saturated Paste									
SAR	1.84		0.0100	SAR	1	B5B2105	02/21/2025	02/26/2025	

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FL09@4'

2/20/2025 12:30:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0523-02 (Soil)
 Origins Laboratory**

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.524		0.00500	mmhos/cm	1	B5B2113	02/21/2025	02/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	2.08		0.272	mg/kg	10	B5B2022	02/20/2025	02/24/2025	
Barium	55.4		9.37	"	"	"	"	"	"
Cadmium	ND		0.0937	"	"	"	"	"	"
Copper	ND		9.37	"	"	"	"	"	"
Lead	4.73		0.937	"	"	"	"	"	"
Nickel	4.93		0.937	"	"	"	"	"	"
Selenium	ND		0.244	"	"	"	"	"	"
Silver	ND		0.0937	"	"	"	"	"	"
Zinc	ND		34.7	"	"	"	"	"	"

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FL10@4'

2/20/2025 12:05:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-03 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00297	0.00600	mg/kg	1	BIB1100	02/26/2025	02/28/2025	
2-Methylnaphthalene	ND	0.00743	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0412	0.0833	"	"	"	"	"	
Anthracene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00545	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Chrysene	ND	0.0412	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0412	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Fluorene	ND	0.0412	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00188	0.00380	"	"	"	"	"	
Pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	39.5 %			15-96		"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	31.1 %			19-105		"	"	"	
Surrogate: 2-Fluorophenol (Surr)	30.9 %			12-95		"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	29.2 %			21-100		"	"	"	

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Montrose Environmental
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Project Number: 20766
Project: Chevron - Baker State B #36-11

FL10@4'

2/20/2025 12:05:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0523-03 (Soil)
Enthalpy Analytical**

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	35.7 %			13-100		BIB1100	02/26/2025	02/28/2025	
Surrogate: p-Terphenyl-d14 (Surr)	49.5 %			25-125		"	"	"	

Total Metals by SW7199

Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC0870	03/17/2025	03/17/2025	
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Boron (DTPA Sorbitol)

Boron	0.270		0.101	mg/L	1	B5B2109	02/21/2025	02/24/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2122	02/21/2025	02/24/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	91.9 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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FL10@4'

2/20/2025 12:05:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0523-03 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

Benzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	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	113 %				70-130	"	"	"	
Surrogate: Toluene-d8	110 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	95.1 %				70-130	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	0.592		0.499	meq/L	10	[CALC]	02/21/2025	02/26/2025	
Magnesium	ND		0.823	"	"	"	"	"	
Sodium	2.12		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.50			pH Units	1	B5B2113	02/21/2025	02/25/2025	
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SAR by 20B Saturated Paste

SAR	2.97		0.0100	SAR	1	B5B2105	02/21/2025	02/26/2025	
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 471 Denver Ave
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Richie Blessing
 Project Number: 20766
 Project: Chevron - Baker State B #36-11

FL10@4'

2/20/2025 12:05:00PM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0523-03 (Soil)
 Origins Laboratory**

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.315		0.00500	mmhos/cm	1	B5B2113	02/21/2025	02/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	1.69		0.272	mg/kg	10	B5B2022	02/20/2025	02/24/2025	
Barium	79.1		9.39	"	"	"	"	"	"
Cadmium	ND		0.0939	"	"	"	"	"	"
Copper	ND		9.39	"	"	"	"	"	"
Lead	4.23		0.939	"	"	"	"	"	"
Nickel	4.72		0.939	"	"	"	"	"	"
Selenium	ND		0.244	"	"	"	"	"	"
Silver	ND		0.0939	"	"	"	"	"	"
Zinc	ND		34.8	"	"	"	"	"	"

Origins Laboratory

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Richie Blessing
 Project Number: 20766
 Project: Chevron - Baker State B #36-11

FL11@4'

2/20/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-04 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00290	0.00600	mg/kg	1	BIB1100	02/26/2025	02/28/2025	
2-Methylnaphthalene	ND	0.00726	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0403	0.0833	"	"	"	"	"	
Anthracene	ND	0.0403	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00532	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0403	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0403	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0403	0.0833	"	"	"	"	"	
Chrysene	ND	0.0403	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0403	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0403	0.0833	"	"	"	"	"	
Fluorene	ND	0.0403	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0403	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00184	0.00380	"	"	"	"	"	
Pyrene	ND	0.0403	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	61.1 %				15-96	"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	44.8 %				19-105	"	"	"	
Surrogate: 2-Fluorophenol (Surr)	51.8 %				12-95	"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	44.6 %				21-100	"	"	"	

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Richie Blessing
Project Number: 20766
Project: Chevron - Baker State B #36-11

FL11@4'

2/20/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-04 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	54.3 %			13-100		BIB1100	02/26/2025	02/28/2025	
Surrogate: p-Terphenyl-d14 (Surr)	52.4 %			25-125		"	"	"	
Total Metals by SW7199									
Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC0870	03/17/2025	03/17/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.847		0.0996	mg/L	1	B5B2109	02/21/2025	02/24/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2122	02/21/2025	02/24/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	90.4 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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Richie Blessing
 Project Number: 20766
 Project: Chevron - Baker State B #36-11

FL11@4'

2/20/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-04 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	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	117 %								
Surrogate: Toluene-d8	108 %								
Surrogate: 4-Bromofluorobenzene	97.0 %								
Metals by Saturated Paste by EPA 6010									
Calcium	4.71		0.499	meq/L	10	[CALC]	02/21/2025	02/26/2025	
Magnesium	2.93		0.823	"	"	"	"	"	
Sodium	7.69		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.23			pH Units	1	B5B2113	02/21/2025	02/25/2025	
SAR by 20B Saturated Paste									
SAR	3.93		0.0100	SAR	1	B5B2105	02/21/2025	02/26/2025	

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 Project Number: 20766
 Project: Chevron - Baker State B #36-11

FL11@4'

2/20/2025 11:35:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-04 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	1.45		0.00500	mmhos/cm	1	B5B2113	02/21/2025	02/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	4.43		0.287	mg/kg	10	B5B2022	02/20/2025	02/24/2025	
Barium	156		9.89	"	"	"	"	"	
Cadmium	0.189		0.0989	"	"	"	"	"	
Copper	13.7		9.89	"	"	"	"	"	
Lead	10.3		0.989	"	"	"	"	"	
Nickel	12.6		0.989	"	"	"	"	"	
Selenium	0.308		0.257	"	"	"	"	"	
Silver	ND		0.0989	"	"	"	"	"	
Zinc	59.6		36.6	"	"	"	"	"	

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 Project: Chevron - Baker State B #36-11

FL12@4'

2/20/2025 11:11:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-05 (Soil) Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00298	0.00600	mg/kg	1	BIB1100	02/26/2025	02/28/2025	
2-Methylnaphthalene	ND	0.00745	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0414	0.0833	"	"	"	"	"	
Anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00546	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Chrysene	ND	0.0414	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0414	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0414	0.0833	"	"	"	"	"	
Fluorene	ND	0.0414	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00189	0.00380	"	"	"	"	"	
Pyrene	ND	0.0414	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	67.3 %			15-96		"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	50.8 %			19-105		"	"	"	
Surrogate: 2-Fluorophenol (Surr)	53.5 %			12-95		"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	46.7 %			21-100		"	"	"	

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Richie Blessing
Project Number: 20766
Project: Chevron - Baker State B #36-11

FL12@4'

2/20/2025 11:11:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-05 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	56.9 %			13-100		BIB1100	02/26/2025	02/28/2025	
Surrogate: p-Terphenyl-d14 (Surr)	56.9 %			25-125		"	"	"	
Total Metals by SW7199									
Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC0870	03/17/2025	03/20/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.681		0.100	mg/L	1	B5B2109	02/21/2025	02/24/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2122	02/21/2025	02/24/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	95.5 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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FL12@4'

2/20/2025 11:11:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-05 (Soil) Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	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	117 %								
Surrogate: Toluene-d8	108 %								
Surrogate: 4-Bromofluorobenzene	97.3 %								
Metals by Saturated Paste by EPA 6010									
Calcium	8.40		0.499	meq/L	10	[CALC]	02/21/2025	02/26/2025	
Magnesium	5.51		0.823	"	"	"	"	"	
Sodium	9.11		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.19			pH Units	1	B5B2113	02/21/2025	02/25/2025	
SAR by 20B Saturated Paste									
SAR	3.45		0.0100	SAR	1	B5B2105	02/21/2025	02/26/2025	

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 Project: Chevron - Baker State B #36-11

FL12@4'

2/20/2025 11:11:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5B0523-05 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	2.13		0.00500	mmhos/cm	1	B5B2113	02/21/2025	02/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	5.09		0.281	mg/kg	10	B5B2022	02/20/2025	02/24/2025	
Barium	166		9.70	"	"	"	"	"	"
Cadmium	0.203		0.0970	"	"	"	"	"	"
Copper	17.3		9.70	"	"	"	"	"	"
Lead	12.4		0.970	"	"	"	"	"	"
Nickel	16.0		0.970	"	"	"	"	"	"
Selenium	ND		0.252	"	"	"	"	"	"
Silver	ND		0.0970	"	"	"	"	"	"
Zinc	73.4		35.9	"	"	"	"	"	"

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 Project: Chevron - Baker State B #36-11

FL13@4'

2/20/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-06 (Soil) Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00297	0.00600	mg/kg	1	BIB1106	02/26/2025	02/27/2025	
2-Methylnaphthalene	ND	0.00743	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0412	0.0833	"	"	"	"	"	
Anthracene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00545	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Chrysene	ND	0.0412	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0412	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0412	0.0833	"	"	"	"	"	
Fluorene	ND	0.0412	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Naphthalene	0.00198	0.00188	0.00380	"	"	"	"	"	J
Pyrene	ND	0.0412	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	48.0 %			15-96		"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	48.8 %			19-105		"	"	"	
Surrogate: 2-Fluorophenol (Surr)	46.0 %			12-95		"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	53.0 %			21-100		"	"	"	

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Montrose Environmental
471 Denver Ave
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Richie Blessing
Project Number: 20766
Project: Chevron - Baker State B #36-11

FL13@4'

2/20/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-06 (Soil) Enthalpy Analytical									
PAH by SW8270									
Surrogate: Phenol-d5 (Surr)	46.1 %			13-100		BIB1106	02/26/2025	02/27/2025	
Surrogate: p-Terphenyl-d14 (Surr)	52.0 %			25-125		"	"	"	
Total Metals by SW7199									
Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC0870	03/17/2025	03/20/2025	
Origins Laboratory									
Boron (DTPA Sorbitol)									
Boron	0.384		0.0997	mg/L	1	B5B2109	02/21/2025	02/24/2025	
DRO/ORO by EPA 8015D									
Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2122	02/21/2025	02/24/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U
Surrogate: o-Terphenyl	85.8 %			50-150		"	"	"	
GBTEX+TMBs by 8260D									
1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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 Project Number: 20766
 Project: Chevron - Baker State B #36-11

FL13@4'

2/20/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-06 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	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	114 %								
Surrogate: Toluene-d8	110 %								
Surrogate: 4-Bromofluorobenzene	96.9 %								
Metals by Saturated Paste by EPA 6010									
Calcium	4.76		0.499	meq/L	10	[CALC]	02/21/2025	02/26/2025	
Magnesium	3.28		0.823	"	"	"	"	"	
Sodium	5.62		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.10			pH Units	1	B5B2113	02/21/2025	02/25/2025	
SAR by 20B Saturated Paste									
SAR	2.80		0.0100	SAR	1	B5B2105	02/21/2025	02/26/2025	

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 Project Number: 20766
 Project: Chevron - Baker State B #36-11

FL13@4'

2/20/2025 10:50:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0523-06 (Soil)
 Origins Laboratory**

Specific Conductance Mod. 9050A

Specific Conductance (EC)	1.35		0.00500	mmhos/cm	1	B5B2113	02/21/2025	02/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	2.29		0.270	mg/kg	10	B5B2022	02/20/2025	02/24/2025	
Barium	47.8		9.31	"	"	"	"	"	"
Cadmium	ND		0.0931	"	"	"	"	"	"
Copper	ND		9.31	"	"	"	"	"	"
Lead	5.53		0.931	"	"	"	"	"	"
Nickel	6.60		0.931	"	"	"	"	"	"
Selenium	ND		0.242	"	"	"	"	"	"
Silver	ND		0.0931	"	"	"	"	"	"
Zinc	ND		34.5	"	"	"	"	"	"

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Richie Blessing
 Project Number: 20766
 Project: Chevron - Baker State B #36-11

FL14@4'

2/20/2025 9:58:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-07 (Soil) Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00292	0.00600	mg/kg	1	BIB1106	02/26/2025	02/27/2025	
2-Methylnaphthalene	ND	0.00731	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0406	0.0833	"	"	"	"	"	
Anthracene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (a) anthracene	0.0107	0.00536	0.0110	"	"	"	"	"	J
Benzo (a) pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Chrysene	ND	0.0406	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0406	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0406	0.0833	"	"	"	"	"	
Fluorene	ND	0.0406	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Naphthalene	0.00227	0.00185	0.00380	"	"	"	"	"	J
Pyrene	ND	0.0406	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	47.0 %			15-96		"	"	"	
Surrogate: 2-Fluorobiphenyl (Surr)	43.6 %			19-105		"	"	"	
Surrogate: 2-Fluorophenol (Surr)	46.9 %			12-95		"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	53.8 %			21-100		"	"	"	
Surrogate: Phenol-d5 (Surr)	49.6 %			13-100		"	"	"	

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Richie Blessing
 Project Number: 20766
 Project: Chevron - Baker State B #36-11

FL14@4'

2/20/2025 9:58:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0523-07 (Soil)
 Enthalpy Analytical**

PAH by SW8270

Surrogate: p-Terphenyl-d14 (Surr) 56.5 % 25-125 BIB1106 02/26/2025 02/27/2025

Total Metals by SW7199

Chromium, Hexavalent ND 0.20 0.20 mg/kg 1 BIC1105 03/20/2025 03/20/2025

Origins Laboratory

Boron (DTPA Sorbitol)

Boron 1.49 0.100 mg/L 1 B5B2109 02/21/2025 02/24/2025

DRO/ORO by EPA 8015D

Diesel (C10-C28) ND 25.0 mg/kg 1 B5B2122 02/21/2025 02/24/2025 U

Residual Range Organics (C28-C40) ND 100 " " " " U

Surrogate: o-Terphenyl 76.5 % 50-150 " " "

GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene ND 0.00200 mg/kg 1 B5B2119 02/21/2025 02/22/2025 U

1,3,5-Trimethylbenzene ND 0.00200 " " " " U

Benzene ND 0.00200 " " " " U

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 Project: Chevron - Baker State B #36-11

FL14@4'

2/20/2025 9:58:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**E5B0523-07 (Soil)
 Origins Laboratory**

GBTEX+TMBs by 8260D

Ethylbenzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	U
Toluene	ND		0.00200	"	"	"	"	"	U
Xylenes, total	ND		0.00200	"	"	"	"	"	U
Gasoline Range Hydrocarbons	ND		0.200	"	"	"	"	"	U

Surrogate: 1,2-Dichloroethane-d4	112 %				70-130	"	"	"	
Surrogate: Toluene-d8	112 %				70-130	"	"	"	
Surrogate: 4-Bromofluorobenzene	97.4 %				70-130	"	"	"	

Metals by Saturated Paste by EPA 6010

Calcium	24.1		0.499	meq/L	10	[CALC]	02/21/2025	02/26/2025	
Magnesium	20.5		0.823	"	"	"	"	"	
Sodium	32.8		0.435	"	"	"	"	"	

pH in Soil by 9045D

pH	8.07			pH Units	1	B5B2113	02/21/2025	02/25/2025	
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SAR by 20B Saturated Paste

SAR	6.94		0.0100	SAR	1	B5B2105	02/21/2025	02/26/2025	
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Specific Conductance Mod. 9050A

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FL14@4'

2/20/2025 9:58:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-07 (Soil)									
Origins Laboratory									
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	5.48		0.00500	mmhos/cm	1	B5B2113	02/21/2025	02/25/2025	
Table 915 metals by EPA 6020B									
Arsenic	4.98		0.270	mg/kg	10	B5B2022	02/20/2025	02/24/2025	
Barium	122		9.32	"	"	"	"	"	
Cadmium	0.218		0.0932	"	"	"	"	"	
Copper	17.0		9.32	"	"	"	"	"	
Lead	13.2		0.932	"	"	"	"	"	
Nickel	15.6		0.932	"	"	"	"	"	
Selenium	0.272		0.242	"	"	"	"	"	
Silver	ND		0.0932	"	"	"	"	"	
Zinc	73.7		34.5	"	"	"	"	"	

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 Project: Chevron - Baker State B #36-11

FLR02@5'

2/20/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-08 (Soil)									
Enthalpy Analytical									
PAH by SW8270									
1-Methylnaphthalene	ND	0.00596	0.00600	mg/kg	1	BIB1106	02/27/2025	03/01/2025	
2-Methylnaphthalene	ND	0.0149	0.0150	"	"	"	"	"	
Acenaphthene	ND	0.0827	0.0833	"	"	"	"	"	
Anthracene	ND	0.0827	0.0833	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0109	0.0110	"	"	"	"	"	
Benzo (a) pyrene	ND	0.0827	0.0833	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0827	0.0833	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0827	0.0833	"	"	"	"	"	
Chrysene	ND	0.0827	0.0833	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0827	0.0833	"	"	"	"	"	
Fluoranthene	ND	0.0827	0.0833	"	"	"	"	"	
Fluorene	ND	0.0827	0.0833	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0827	0.0833	"	"	"	"	"	
Naphthalene	ND	0.00377	0.00380	"	"	"	"	"	
Pyrene	ND	0.0827	0.0833	"	"	"	"	"	
Surrogate: 2,4,6-Tribromophenol (Surr)	113 %			15-96		"	"	"	S
Surrogate: 2-Fluorobiphenyl (Surr)	79.7 %			19-105		"	"	"	
Surrogate: 2-Fluorophenol (Surr)	88.1 %			12-95		"	"	"	
Surrogate: Nitrobenzene-d5 (Surr)	75.4 %			21-100		"	"	"	

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Richie Blessing
Project Number: 20766
Project: Chevron - Baker State B #36-11

FLR02@5'

2/20/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5B0523-08 (Soil) Enthalpy Analytical

PAH by SW8270

Surrogate: Phenol-d5 (Surr)	91.6 %			13-100		BIB1106	02/27/2025	03/01/2025	
Surrogate: p-Terphenyl-d14 (Surr)	112 %			25-125		"	"	"	

Total Metals by SW7199

Chromium, Hexavalent	ND	0.20	0.20	mg/kg	1	BIC0870	03/17/2025	03/17/2025	
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Origins Laboratory

Boron (DTPA Sorbitol)

Boron	0.101		0.101	mg/L	1	B5B2110	02/21/2025	02/24/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		25.0	mg/kg	1	B5B2122	02/21/2025	02/24/2025	U
Residual Range Organics (C28-C40)	ND		100	"	"	"	"	"	U

Surrogate: o-Terphenyl	90.0 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	U
1,3,5-Trimethylbenzene	ND		0.00200	"	"	"	"	"	U

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 Project: Chevron - Baker State B #36-11

FLR02@5'

2/20/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5B0523-08 (Soil)									
Origins Laboratory									
GBTEX+TMBs by 8260D									
Benzene	ND		0.00200	mg/kg	1	B5B2119	02/21/2025	02/22/2025	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	111 %								
Surrogate: Toluene-d8	110 %								
Surrogate: 4-Bromofluorobenzene	97.0 %								
Metals by Saturated Paste by EPA 6010									
Calcium	1.92		0.499	meq/L	10	[CALC]	02/21/2025	02/26/2025	
Magnesium	0.921		0.823	"	"	"	"	"	
Sodium	1.05		0.435	"	"	"	"	"	
pH in Soil by 9045D									
pH	8.33			pH Units	1	B5B2113	02/21/2025	02/25/2025	
SAR by 20B Saturated Paste									
SAR	0.884		0.0100	SAR	1	B5B2105	02/21/2025	02/26/2025	

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FLR02@5'

2/20/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5B0523-08 (Soil)
Origins Laboratory

Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.410		0.00500	mmhos/cm	1	B5B2113	02/21/2025	02/25/2025	
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Table 915 metals by EPA 6020B

Arsenic	3.12		0.273	mg/kg	10	B5B2022	02/20/2025	02/24/2025	
Barium	68.5		9.42	"	"	"	"	"	"
Cadmium	ND		0.0942	"	"	"	"	"	"
Copper	ND		9.42	"	"	"	"	"	"
Lead	5.25		0.942	"	"	"	"	"	"
Nickel	6.37		0.942	"	"	"	"	"	"
Selenium	ND		0.245	"	"	"	"	"	"
Silver	ND		0.0942	"	"	"	"	"	"
Zinc	ND		34.9	"	"	"	"	"	"

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Richie Blessing
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Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5B2105 - Saturated Paste Metals										
Blank (B5B2105-BLK1)										
					Prepared: 02/21/2025 Analyzed: 02/26/2025					
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 (B5B2105-DUP1)										
			Source: E5B0520-02		Prepared: 02/21/2025 Analyzed: 02/26/2025					
SAR	ND	0.0100	SAR		0.644				200	
Calcium PPM	25.8	10.0	mg/L		33.1			24.8	50	
Magnesium PPM	12.0	10.0	"		15.2			23.9	50	
Sodium PPM	15.1	10.0	"		17.8			16.3	50	
Batch B5B2109 - DTPA Sorbitol Preparation										
Blank (B5B2109-BLK1)										
					Prepared: 02/21/2025 Analyzed: 02/24/2025					
Boron	ND	0.100	mg/L							
Duplicate (B5B2109-DUP1)										
			Source: E5B0520-01		Prepared: 02/21/2025 Analyzed: 02/24/2025					
Boron	0.208	0.101	mg/L		0.178			15.7	50	
Batch B5B2110 - DTPA Sorbitol Preparation										
Blank (B5B2110-BLK1)										
					Prepared: 02/21/2025 Analyzed: 02/24/2025					
Boron	ND	0.100	mg/L							
Duplicate (B5B2110-DUP1)										
			Source: E5B0523-08		Prepared: 02/21/2025 Analyzed: 02/24/2025					
Boron	0.109	0.100	mg/L		0.101			7.46	50	

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Extractable Petroleum Hydrocarbons by 8015D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5B2122 - EPA 3550B										
Blank (B5B2122-BLK1) Prepared: 02/21/2025 Analyzed: 02/24/2025										
Diesel (C10-C28)	ND	25.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	100	"							U
Surrogate: o-Terphenyl	22		"	24.9		86.6	50-150			
LCS (B5B2122-BS1) Prepared: 02/21/2025 Analyzed: 02/24/2025										
Diesel (C10-C28)	891	50.0	mg/kg	1000		89.1	70-130			
Residual Range Organics (C28-C40)	975	200	"	1000		97.5	70-130			
Surrogate: o-Terphenyl	50		"	49.8		101	50-150			
Matrix Spike (B5B2122-MS1) Source: E5B0523-02 Prepared: 02/21/2025 Analyzed: 02/24/2025										
Diesel (C10-C28)	896	50.0	mg/kg	1000	ND	89.6	70-130			
Residual Range Organics (C28-C40)	981	200	"	1000	ND	98.1	70-130			
Surrogate: o-Terphenyl	41		"	49.8		82.9	50-150			
Matrix Spike Dup (B5B2122-MSD1) Source: E5B0523-02 Prepared: 02/21/2025 Analyzed: 02/24/2025										
Diesel (C10-C28)	910	50.0	mg/kg	1000	ND	91.0	70-130	1.56	35	
Residual Range Organics (C28-C40)	1000	200	"	1000	ND	100	70-130	2.09	35	
Surrogate: o-Terphenyl	48		"	49.8		95.7	50-150			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5B2022 - EPA 3050B

Prepared: 02/20/2025 Analyzed: 02/24/2025

Blank (B5B2022-BLK1)

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 (B5B2022-BS1)

Prepared: 02/20/2025 Analyzed: 02/24/2025

Arsenic	5.46	0.290	mg/kg	5.00		109	80-120			
Barium	514	10.0	"	500		103	80-120			
Cadmium	5.23	0.100	"	5.00		105	80-120			
Copper	52.7	10.0	"	50.0		105	80-120			
Lead	5.08	1.00	"	5.00		102	80-120			
Nickel	5.52	1.00	"	5.00		110	80-120			
Selenium	5.23	0.260	"	5.00		105	80-120			
Silver	5.19	0.100	"	5.00		104	80-120			
Zinc	54.6	37.0	"	50.0		109	80-120			

Matrix Spike (B5B2022-MS1)

Source: E5B0515-03

Prepared: 02/20/2025 Analyzed: 02/24/2025

Arsenic	9.26	0.280	mg/kg	4.83	3.86	112	75-125			
Barium	596	9.66	"	483	82.7	106	75-125			
Cadmium	5.30	0.0966	"	4.83	0.0568	108	75-125			
Copper	59.3	9.66	"	48.3	7.44	107	75-125			
Lead	13.3	0.966	"	4.83	7.86	113	75-125			

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5B2022 - EPA 3050B

Matrix Spike (B5B2022-MS1)		Source: E5B0515-03			Prepared: 02/20/2025 Analyzed: 02/24/2025					
Nickel	12.4	0.966	mg/kg	4.83	6.67	118	75-125			
Selenium	5.08	0.251	"	4.83	0.157	102	75-125			
Silver	5.14	0.0966	"	4.83	0.0208	106	75-125			
Zinc	87.4	35.8	"	48.3	32.9	113	75-125			

Matrix Spike Dup (B5B2022-MSD1)		Source: E5B0515-03			Prepared: 02/20/2025 Analyzed: 02/24/2025					
Arsenic	9.05	0.277	mg/kg	4.78	3.86	109	75-125	2.29	20	
Barium	607	9.56	"	478	82.7	110	75-125	1.78	20	
Cadmium	5.12	0.0956	"	4.78	0.0568	106	75-125	3.38	20	
Copper	58.1	9.56	"	47.8	7.44	106	75-125	2.12	20	
Lead	13.2	0.956	"	4.78	7.86	111	75-125	1.18	20	
Nickel	12.0	0.956	"	4.78	6.67	112	75-125	2.86	20	
Selenium	4.85	0.248	"	4.78	0.157	98.1	75-125	4.74	20	
Silver	5.00	0.0956	"	4.78	0.0208	104	75-125	2.71	20	
Zinc	85.2	35.4	"	47.8	32.9	109	75-125	2.59	20	

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 Project: Chevron - Baker State B #36-11

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 B5B2113 - Saturated Paste pH/EC

Blank (B5B2113-BLK1)

Prepared: 02/21/2025 Analyzed: 02/25/2025

Specific Conductance (EC) ND 0.00500 mmhos/cm

Duplicate (B5B2113-DUP1)

Source: E5B0520-02

Prepared: 02/21/2025 Analyzed: 02/25/2025

Specific Conductance (EC) 0.352 0.00500 mmhos/cm 0.380 7.79 25

pH 8.21 pH Units 8.24 0.365 25

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 Project Number: 20766
 Project: Chevron - Baker State B #36-11

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 B5B2119 - EPA 5030 (soil)

Prepared: 02/21/2025 Analyzed: 02/21/2025

Blank (B5B2119-BLK1)

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	0.14		"	0.125	110		70-130			
Surrogate: Toluene-d8	0.14		"	0.125	108		70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125	96.4		70-130			

LCS (B5B2119-BS1)

Prepared: 02/21/2025 Analyzed: 02/21/2025

1,2,4-Trimethylbenzene	0.113	0.00200	mg/kg				70-130			
1,3,5-Trimethylbenzene	0.118	0.00200	"				70-130			
Benzene	0.108	0.00200	"				70-130			
Ethylbenzene	0.118	0.00200	"				70-130			
Toluene	0.103	0.00200	"				70-130			
o-Xylene	0.117	0.00200	"				70-130			
m,p-Xylene	0.234	0.00400	"				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	106		70-130			

Matrix Spike (B5B2119-MS1)

Source: E5B0512-01

Prepared: 02/21/2025 Analyzed: 02/21/2025

1,2,4-Trimethylbenzene	0.105	0.00200	mg/kg		ND		70-130			
1,3,5-Trimethylbenzene	0.111	0.00200	"		ND		70-130			
Benzene	0.0960	0.00200	"		ND		70-130			

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Richie Blessing
Project Number: 20766
Project: Chevron - Baker State B #36-11

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 B5B2119 - EPA 5030 (soil)

Matrix Spike (B5B2119-MS1)			Source: E5B0512-01		Prepared: 02/21/2025 Analyzed: 02/21/2025					
Ethylbenzene	0.112	0.00200	mg/kg		ND		70-130			
Toluene	0.118	0.00200	"		ND		70-130			
o-Xylene	0.111	0.00200	"		ND		70-130			
m,p-Xylene	0.221	0.00400	"		ND		70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		107	70-130			
Surrogate: Toluene-d8	0.16		"	0.125		131	70-130			S-GC
Surrogate: 4-Bromofluorobenzene	0.14		"	0.125		108	70-130			

Matrix Spike Dup (B5B2119-MSD1)			Source: E5B0512-01		Prepared: 02/21/2025 Analyzed: 02/21/2025					
1,2,4-Trimethylbenzene	0.103	0.00200	mg/kg		ND		70-130	1.90	20	
1,3,5-Trimethylbenzene	0.107	0.00200	"		ND		70-130	3.10	20	
Benzene	0.0951	0.00200	"		ND		70-130	1.03	20	
Ethylbenzene	0.108	0.00200	"		ND		70-130	4.35	20	
Toluene	0.0932	0.00200	"		ND		70-130	23.1	20	QR-03
o-Xylene	0.107	0.00200	"		ND		70-130	3.50	20	
m,p-Xylene	0.212	0.00400	"		ND		70-130	4.14	20	
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		106	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			

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**PAH by SW8270 - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1100 - SW3550C/EPA600-MS

Blank (BIB1100-BLK1)

Prepared: 02/26/2025 Analyzed: 02/28/2025

1-Methylnaphthalene	ND	0.00600	mg/kg				-			
2-Methylnaphthalene	ND	0.0150	"				-			
Acenaphthene	ND	0.0833	"				-			
Anthracene	ND	0.0833	"				-			
Benzo (a) anthracene	ND	0.0110	"				-			
Benzo (a) pyrene	ND	0.0833	"				-			
Benzo (b) fluoranthene	ND	0.0833	"				-			
Benzo (k) fluoranthene	ND	0.0833	"				-			
Chrysene	ND	0.0833	"				-			
Dibenz (a,h) anthracene	ND	0.0833	"				-			
Fluoranthene	ND	0.0833	"				-			
Fluorene	ND	0.0833	"				-			
Indeno (1,2,3-cd) pyrene	ND	0.0833	"				-			
Naphthalene	ND	0.00380	"				-			
Pyrene	ND	0.0833	"				-			

Surrogate: 2,4,6-Tribromophenol (Surr)	1.83		"	3.33		54.9	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	1.08		"	1.67		64.6	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.85		"	3.33		55.4	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	1.06		"	1.67		63.7	21-100			
Surrogate: Phenol-d5 (Surr)	1.97		"	3.33		59.2	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.09		"	1.67		65.6	25-125			

LCS (BIB1100-BS1)

Prepared: 02/26/2025 Analyzed: 02/28/2025

1-Methylnaphthalene	ND	0.0833	mg/kg				0-200			
2-Methylnaphthalene	ND	0.0833	"				70-130			
Acenaphthene	0.931	0.0833	"	1.65		56.4	24-110			
Anthracene	0.981	0.0833	"	1.65		59.4	25-117			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1100 - SW3550C/EPA600-MS

LCS (BIB1100-BS1)

Prepared: 02/26/2025 Analyzed: 02/28/2025

Benzo (a) anthracene	1.13	0.0833	mg/kg	1.65		68.4	25-127			
Benzo (a) pyrene	1.17	0.0833	"	1.65		70.8	18-127			
Benzo (b) fluoranthene	1.16	0.0833	"	1.65		70.3	20-132			
Benzo (k) fluoranthene	1.11	0.0833	"	1.65		67.6	14-136			
Chrysene	1.13	0.0833	"	1.65		68.5	21-141			
Dibenz (a,h) anthracene	1.46	0.0833	"	1.65		88.7	10-142			
Fluoranthene	1.08	0.0833	"	1.65		65.6	19-138			
Fluorene	0.970	0.0833	"	1.65		58.8	25-114			
Indeno (1,2,3-cd) pyrene	1.33	0.0833	"	1.65		80.5	10-136			
Naphthalene	0.902	0.0833	"	1.65		54.6	18-109			
Pyrene	0.989	0.0833	"	1.65		59.9	17-159			
Surrogate: 2,4,6-Tribromophenol (Surr)	1.79		"	3.30		54.2	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.866		"	1.65		52.5	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.74		"	3.30		52.6	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.957		"	1.65		58.0	21-100			
Surrogate: Phenol-d5 (Surr)	1.84		"	3.30		55.6	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	0.915		"	1.65		55.4	25-125			

Matrix Spike (BIB1100-MS1)

Source: 25B1710-01

Prepared: 02/26/2025 Analyzed: 02/28/2025

1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200			
2-Methylnaphthalene	ND	0.0833	"		ND		70-130			
Acenaphthene	0.975	0.0833	"	1.62	ND	60.0	10-124			
Anthracene	0.925	0.0833	"	1.62	ND	57.0	10-143			
Benzo (a) anthracene	1.12	0.0833	"	1.62	ND	68.7	10-169			
Benzo (a) pyrene	1.22	0.0833	"	1.62	ND	75.2	10-149			
Benzo (b) fluoranthene	1.21	0.0833	"	1.62	ND	74.8	10-150			
Benzo (k) fluoranthene	1.32	0.0833	"	1.62	ND	81.5	10-211			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1100 - SW3550C/EPA600-MS

Matrix Spike (BIB1100-MS1)		Source: 25B1710-01			Prepared: 02/26/2025 Analyzed: 02/28/2025					
Chrysene	1.15	0.0833	mg/kg	1.62	ND	70.7	10-172			
Dibenz (a,h) anthracene	1.44	0.0833	"	1.62	ND	88.8	10-128			
Fluoranthene	1.13	0.0833	"	1.62	ND	69.6	10-271			
Fluorene	0.965	0.0833	"	1.62	ND	59.4	10-124			
Indeno (1,2,3-cd) pyrene	1.30	0.0833	"	1.62	ND	80.2	10-127			
Naphthalene	0.881	0.0833	"	1.62	0.00196	54.1	10-118			
Pyrene	0.983	0.0833	"	1.62	ND	60.6	10-212			
Surrogate: 2,4,6-Tribromophenol (Surr)	1.90		"	3.25		58.6	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.914		"	1.62		56.3	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.23		"	3.25		37.9	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.917		"	1.62		56.5	21-100			
Surrogate: Phenol-d5 (Surr)	1.67		"	3.25		51.4	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.01		"	1.62		62.5	25-125			

Matrix Spike Dup (BIB1100-MSD1)		Source: 25B1710-01			Prepared: 02/26/2025 Analyzed: 02/28/2025					
1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200			20
2-Methylnaphthalene	ND	0.0833	"		ND		70-130			20
Acenaphthene	0.923	0.0833	"	1.67	ND	55.4	10-124	5.46		20
Anthracene	0.858	0.0833	"	1.67	ND	51.5	10-143	7.44		20
Benzo (a) anthracene	1.01	0.0833	"	1.67	ND	60.6	10-169	9.87		20
Benzo (a) pyrene	1.18	0.0833	"	1.67	ND	70.9	10-149	3.32		20
Benzo (b) fluoranthene	1.28	0.0833	"	1.67	ND	76.7	10-150	5.10		20
Benzo (k) fluoranthene	1.14	0.0833	"	1.67	ND	68.1	10-211	15.2		20
Chrysene	1.04	0.0833	"	1.67	ND	62.2	10-172	10.1		20
Dibenz (a,h) anthracene	1.47	0.0833	"	1.67	ND	88.3	10-128	2.09		20
Fluoranthene	1.10	0.0833	"	1.67	ND	66.2	10-271	2.44		20
Fluorene	0.884	0.0833	"	1.67	ND	53.0	10-124	8.78		20

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1100 - SW3550C/EPA600-MS

Matrix Spike Dup (BIB1100-MSD1)

Source: 25B1710-01

Prepared: 02/26/2025 Analyzed: 02/28/2025

Indeno (1,2,3-cd) pyrene	1.30	0.0833	mg/kg	1.67	ND	78.2	10-127	0.119	20	
Naphthalene	0.833	0.0833	"	1.67	0.00196	49.9	10-118	5.56	20	
Pyrene	0.944	0.0833	"	1.67	ND	56.6	10-212	4.13	20	
Surrogate: 2,4,6-Tribromophenol (Surr)	1.81		"	3.33		54.4	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.855		"	1.67		51.3	19-105			
Surrogate: 2-Fluorophenol (Surr)	0.859		"	3.33		25.8	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.878		"	1.67		52.7	21-100			
Surrogate: Phenol-d5 (Surr)	1.57		"	3.33		47.1	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	0.925		"	1.67		55.5	25-125			

Batch BIB1106 - SW3550C/EPA600-MS

Blank (BIB1106-BLK1)

Prepared: 02/26/2025 Analyzed: 02/27/2025

1-Methylnaphthalene	ND	0.00600	mg/kg							
2-Methylnaphthalene	ND	0.0150	"							
Acenaphthene	ND	0.0833	"							
Anthracene	ND	0.0833	"							
Benzo (a) anthracene	ND	0.0110	"							
Benzo (a) pyrene	ND	0.0833	"							
Benzo (b) fluoranthene	ND	0.0833	"							
Benzo (k) fluoranthene	ND	0.0833	"							
Chrysene	ND	0.0833	"							
Dibenz (a,h) anthracene	ND	0.0833	"							
Fluoranthene	ND	0.0833	"							
Fluorene	ND	0.0833	"							
Indeno (1,2,3-cd) pyrene	ND	0.0833	"							
Naphthalene	ND	0.00380	"							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1106 - SW3550C/EPA600-MS

Blank (BIB1106-BLK1)

Prepared: 02/26/2025 Analyzed: 02/27/2025

Pyrene	ND	0.0833	mg/kg				-			
Surrogate: 2,4,6-Tribromophenol (Surr)	1.88		"	3.33		56.4	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	1.12		"	1.67		67.4	19-105			
Surrogate: 2-Fluorophenol (Surr)	2.06		"	3.33		61.7	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	1.17		"	1.67		70.5	21-100			
Surrogate: Phenol-d5 (Surr)	2.14		"	3.33		64.2	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	1.09		"	1.67		65.3	25-125			

LCS (BIB1106-BS1)

Prepared: 02/26/2025 Analyzed: 02/27/2025

1-Methylnaphthalene	ND	0.0833	mg/kg				0-200			
2-Methylnaphthalene	ND	0.0833	"				70-130			
Acenaphthene	0.968	0.0833	"	1.67		58.1	24-110			
Anthracene	0.956	0.0833	"	1.67		57.3	25-117			
Benzo (a) anthracene	1.12	0.0833	"	1.67		67.2	25-127			
Benzo (a) pyrene	1.15	0.0833	"	1.67		68.7	18-127			
Benzo (b) fluoranthene	1.24	0.0833	"	1.67		74.7	20-132			
Benzo (k) fluoranthene	1.02	0.0833	"	1.67		60.9	14-136			
Chrysene	1.14	0.0833	"	1.67		68.1	21-141			
Dibenz (a,h) anthracene	1.41	0.0833	"	1.67		84.7	10-142			
Fluoranthene	1.04	0.0833	"	1.67		62.7	19-138			
Fluorene	1.01	0.0833	"	1.67		60.7	25-114			
Indeno (1,2,3-cd) pyrene	1.32	0.0833	"	1.67		79.3	10-136			
Naphthalene	1.01	0.0833	"	1.67		60.4	18-109			
Pyrene	1.09	0.0833	"	1.67		65.3	17-159			
Surrogate: 2,4,6-Tribromophenol (Surr)	1.79		"	3.33		53.6	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.915		"	1.67		54.9	19-105			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1106 - SW3550C/EPA600-MS

LCS (BIB1106-BS1)

Prepared: 02/26/2025 Analyzed: 02/27/2025

Surrogate: 2-Fluorophenol (Surr)	1.95		mg/kg	3.33		58.4	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	1.09		"	1.67		65.3	21-100			
Surrogate: Phenol-d5 (Surr)	1.84		"	3.33		55.2	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	0.932		"	1.67		55.9	25-125			

Matrix Spike (BIB1106-MS1)

Source: E5B0523-06

Prepared: 02/26/2025 Analyzed: 02/27/2025

1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200			
2-Methylnaphthalene	ND	0.0833	"		ND		70-130			
Acenaphthene	0.887	0.0833	"	1.66	ND	53.6	10-124			
Anthracene	0.863	0.0833	"	1.66	ND	52.1	10-143			
Benzo (a) anthracene	1.01	0.0833	"	1.66	ND	61.0	10-169			
Benzo (a) pyrene	1.03	0.0833	"	1.66	ND	62.2	10-149			
Benzo (b) fluoranthene	0.980	0.0833	"	1.66	ND	59.2	10-150			
Benzo (k) fluoranthene	1.02	0.0833	"	1.66	ND	61.7	10-211			
Chrysene	1.01	0.0833	"	1.66	ND	61.3	10-172			
Dibenz (a,h) anthracene	1.37	0.0833	"	1.66	ND	82.8	10-128			
Fluoranthene	1.02	0.0833	"	1.66	ND	61.7	10-271			
Fluorene	0.913	0.0833	"	1.66	ND	55.1	10-124			
Indeno (1,2,3-cd) pyrene	1.23	0.0833	"	1.66	ND	74.3	10-127			
Naphthalene	0.840	0.0833	"	1.66	0.00198	50.6	10-118			
Pyrene	0.882	0.0833	"	1.66	ND	53.3	10-212			

Surrogate: 2,4,6-Tribromophenol (Surr)	1.64		"	3.31		49.5	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	0.804		"	1.66		48.5	19-105			
Surrogate: 2-Fluorophenol (Surr)	1.68		"	3.31		50.9	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	0.969		"	1.66		58.5	21-100			
Surrogate: Phenol-d5 (Surr)	1.61		"	3.31		48.7	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	0.845		"	1.66		51.0	25-125			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BIB1106 - SW3550C/EPA600-MS

Matrix Spike Dup (BIB1106-MSD1)

Source: E5B0523-06

Prepared: 02/26/2025 Analyzed: 02/27/2025

1-Methylnaphthalene	ND	0.0833	mg/kg		ND		0-200		20	
2-Methylnaphthalene	ND	0.0833	"		ND		70-130		20	
Acenaphthene	1.13	0.0833	"	1.66	ND	68.2	10-124	24.3	20	P
Anthracene	0.992	0.0833	"	1.66	ND	59.7	10-143	13.9	20	
Benzo (a) anthracene	1.17	0.0833	"	1.66	ND	70.6	10-169	14.8	20	
Benzo (a) pyrene	1.25	0.0833	"	1.66	ND	75.4	10-149	19.5	20	
Benzo (b) fluoranthene	1.35	0.0833	"	1.66	ND	81.1	10-150	31.6	20	P
Benzo (k) fluoranthene	1.06	0.0833	"	1.66	ND	63.9	10-211	3.96	20	
Chrysene	1.16	0.0833	"	1.66	ND	69.9	10-172	13.5	20	
Dibenz (a,h) anthracene	1.61	0.0833	"	1.66	ND	96.7	10-128	15.8	20	
Fluoranthene	1.12	0.0833	"	1.66	ND	67.5	10-271	9.23	20	
Fluorene	1.08	0.0833	"	1.66	ND	64.7	10-124	16.4	20	
Indeno (1,2,3-cd) pyrene	1.45	0.0833	"	1.66	ND	87.5	10-127	16.7	20	
Naphthalene	1.13	0.0833	"	1.66	0.00198	68.1	10-118	29.7	20	P
Pyrene	0.994	0.0833	"	1.66	ND	59.8	10-212	11.9	20	
Surrogate: 2,4,6-Tribromophenol (Surr)	2.02		"	3.32		60.8	15-96			
Surrogate: 2-Fluorobiphenyl (Surr)	1.01		"	1.66		60.6	19-105			
Surrogate: 2-Fluorophenol (Surr)	2.06		"	3.32		62.0	12-95			
Surrogate: Nitrobenzene-d5 (Surr)	1.15		"	1.66		69.1	21-100			
Surrogate: Phenol-d5 (Surr)	1.97		"	3.32		59.2	13-100			
Surrogate: p-Terphenyl-d14 (Surr)	0.967		"	1.66		58.2	25-125			

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Montrose Environmental
 471 Denver Ave
 Loveland CO 80537

Richie Blessing
 Project Number: 20766
 Project: Chevron - Baker State B #36-11

**Total Metals by SW7199 - Quality Control
 Enthalpy Analytical**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch BIC0870 - No Prep IC-WET										
Blank (BIC0870-BLK1)					Prepared: 03/17/2025 Analyzed: 03/17/2025					
Chromium, Hexavalent	ND	0.005	mg/kg				-			
LCS (BIC0870-BS1)					Prepared: 03/17/2025 Analyzed: 03/17/2025					
Chromium, Hexavalent	0.05	0.005	mg/kg	0.0500		101	80-120			
LCS (BIC0870-BS2)					Prepared: 03/17/2025 Analyzed: 03/17/2025					
Chromium, Hexavalent	8.74	1.00	mg/kg	8.21		106	80-120			
Batch BIC1105 - No Prep IC-WET										
Blank (BIC1105-BLK1)					Prepared: 03/20/2025 Analyzed: 03/20/2025					
Chromium, Hexavalent	ND	0.005	mg/kg				-			
LCS (BIC1105-BS1)					Prepared: 03/20/2025 Analyzed: 03/20/2025					
Chromium, Hexavalent	0.05	0.005	mg/kg	0.0500		107	80-120			
LCS (BIC1105-BS2)					Prepared: 03/20/2025 Analyzed: 03/20/2025					
Chromium, Hexavalent	8.73	1.00	mg/kg	8.63		101	80-120			
Matrix Spike (BIC1105-MS1)					Source: E5B0523-01 Prepared: 03/20/2025 Analyzed: 03/20/2025					
Chromium, Hexavalent	2.09	0.19	mg/kg	1.93	ND	109	75-125			
Matrix Spike Dup (BIC1105-MSD1)					Source: E5B0523-01 Prepared: 03/20/2025 Analyzed: 03/20/2025					
Chromium, Hexavalent	2.05	0.20	mg/kg	1.95	ND	105	75-125	1.94	20	

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Notes and Definitions

- U Sample is Non-Detect.
 - S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
 - S Surrogate recovery was outside acceptance criteria
 - QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
 - P Duplicate analysis does not meet the acceptance criteria for precision
 - M Matrix spike recovery is outside established acceptance limits
 - L LCS recovery is outside of established acceptance limits
 - J The reported result is an estimated value.
 - P [Undefined]
 - ND Analyte NOT DETECTED at or above the reporting limit
 - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

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