



Fremont Environmental

Paul Henehan

8305 6th St, PO Box 1289

Wellington

CO

80549

September 15, 2025

Project Name - Chevron - Furrow AB15-99HZ

Project Number - C024-009

Attached are your analytical results for Chevron - Furrow AB15-99HZ received by Origins Laboratory August 28, 2025. This project is associated with Origins project number E5H0648-01.

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



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WH-N Wall 4Ft	E5H0648-01	Soil	August 28, 2025 9:00	08/28/2025 17:13
WH-E Wall 4Ft	E5H0648-02	Soil	August 28, 2025 9:10	08/28/2025 17:13
WH-S Wall 4Ft	E5H0648-03	Soil	August 28, 2025 9:20	08/28/2025 17:13
WH-W Wall 4Ft	E5H0648-04	Soil	August 28, 2025 9:30	08/28/2025 17:13
WH-FS-01 6Ft	E5H0648-05	Soil	August 28, 2025 9:40	08/28/2025 17:13

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Kayla Kenyon, Project Manager

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Fremont Environmental
8305 6th St, PO Box 1289
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Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

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LABORATORY

ESHC0048

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#	Sample ID	Date Sampled	Time Sampled	# of Containers	Matrix Preservation	Analysis	Comments
1	WH-N Wall 4ft	8/28/25	9:00	3	S None		
2	WH-E Wall 4ft	9/10					
3	WH-S Wall 4ft	9/20					
4	WH-W Wall 4ft	9/30					
5	WH-FS-01 6ft	9/10					
6							
7							
8							
9							
10							

Reimbursed By:	Date:	Time:	Received By:	Date:	Time:	Turnaround Time
<i>[Signature]</i>	9/18/25	17:13	NEM	09/18/25	17:13	☐ 48 Hr ☐ 72 Hr ☐ SAME DAY ☐ 24 Hr

1725 Elk Place, Denver, CO 80221 | P: 303.433.1322 | originslab.com

Temp Received-

Received On Ice? ☒ Yes ☐ No

27°C

☒ Standard

Origins Laboratory

[Signature]

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Kayla Kenyon, Project Manager

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Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

Origins Laboratory

Sample Receipt Checklist

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

Origins Work Order: ESH0648

Client: CDM/Fremont/Chevron

Client Project ID: FURROW AB15-99HZ

Checklist Completed by: NB / NB

Shipped Via: HD

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

Date/time completed: 8/29/15

Airbill #: N/A

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

☐ Water

☐ Other:

Cooler Number/Temperature: 1 / 12.7 °C / °C / °C (Describe) °C

Thermometer ID: T002

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ?	☒			
Is there ice present (document if blue ice is used)	☒			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)			☒	
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)			☒	
Were all samples received intact ⁽¹⁾ ?	☒			
Was adequate sample volume provided ⁽¹⁾ ?	☒			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ?			☒	
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ?	☒			
Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ?	☒			
Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ?	☒			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ?	☒			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			☒	
Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments). (preservation is not confirmed for subcontrasted analyses in order to insure sample integrity/pH ≤ 2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH > 10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH)			☒	
Additional Comments (if any):				

⁽¹⁾If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to be taken in the additional comments (above) and the case narrative.

Reviewed by (Project Manager)

Date/Time Reviewed 9/12/15

Origins Laboratory

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Kayla Kenyon, Project Manager



Fremont Environmental
8305 6th St, PO Box 1289
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Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-N Wall 4Ft
8/28/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-01 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.33	mg/Kg dry	1	381429	09/09/2025	09/10/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.111	mg/L dry	1	B5H2951	08/29/2025	09/03/2025	U
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		27.9	mg/kg dry	1	B5H2948	08/29/2025	09/02/2025	U
Residual Range Organics (C28-C36)	ND		112	"	"	"	"	"	U

Surrogate: o-Terphenyl	79.6 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5I0228	09/02/2025	09/02/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-N Wall 4Ft
8/28/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-01 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND	0.223	mg/kg dry	1	B5I0228	09/02/2025	09/02/2025	U
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Surrogate: 1,2-Dichloroethane-d4	106 %		70-130	"	"	"	"	"
Surrogate: Toluene-d8	101 %		70-130	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	97.1 %		70-130	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	0.813	0.499	meq/L	10	[CALC]	08/29/2025	09/03/2025	
Magnesium	ND	0.823	"	"	"	"	"	
Sodium	0.447	0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg dry	1	B5H2926	08/29/2025	08/30/2025	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.022	"	"	"	"	"	U
Anthracene	ND	0.022	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.006	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.022	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.022	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



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Project: Chevron - Furrow AB15-99HZ

WH-N Wall 4Ft
8/28/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0648-01 (Soil) Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Chrysene	ND		0.022	mg/kg dry	1	B5H2926	08/29/2025	08/30/2025	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U
Fluorene	ND		0.022	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U
Surrogate: Fluorene-d10	97.2 %			60-130		"	"	"	
Surrogate: Anthracene-d10	90.7 %			60-130		"	"	"	
Surrogate: Pyrene-d10	109 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	89.7			mass percent	1	B5I0231	09/02/2025	09/03/2025	
pH in Soil by 9045D									
pH	8.34			pH Units	1	B5H2923	08/29/2025	09/03/2025	
SAR by 20B Saturated Paste									

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Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-N Wall 4Ft
8/28/2025 9:00:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0648-01 (Soil) Origins Laboratory									
SAR by 20B Saturated Paste									
SAR	0.602		0.0100	SAR	1	B5H2922	08/29/2025	09/03/2025	
Specific Conductance Mod. 9050A									
Specific Conductance (EC)	0.181		0.00500	mmhos/cm	1	B5H2923	08/29/2025	09/03/2025	
Table 915 metals by EPA 6020B									
Arsenic	2.25		0.210	mg/kg dry	10	B5I0230	09/02/2025	09/05/2025	
Barium	729		59.1	"	"	"	"	"	
Cadmium	ND		0.274	"	"	"	"	"	U
Copper	ND		33.2	"	"	"	"	"	U
Lead	ND		10.1	"	"	"	"	"	U
Nickel	ND		18.7	"	"	"	"	"	U
Selenium	0.188		0.177	"	"	"	"	"	
Silver	ND		0.577	"	"	"	"	"	U
Zinc	ND		267	"	"	"	"	"	U

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WH-E Wall 4Ft
8/28/2025 9:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-02 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.32	mg/Kg dry	1	381429	09/09/2025	09/10/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	ND		0.107	mg/L dry	1	B5H2951	08/29/2025	09/03/2025	U
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		26.8	mg/kg dry	1	B5H2948	08/29/2025	09/02/2025	U
Residual Range Organics (C28-C36)	ND		107	"	"	"	"	"	U

Surrogate: o-Terphenyl	72.4 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5I0228	09/02/2025	09/02/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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Project: Chevron - Furrow AB15-99HZ

WH-E Wall 4Ft
8/28/2025 9:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-02 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND	0.214	mg/kg dry	1	B5I0228	09/02/2025	09/02/2025	U
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Surrogate: 1,2-Dichloroethane-d4	109 %	70-130	"	"	"	"	"	"
Surrogate: Toluene-d8	110 %	70-130	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.15	0.499	meq/L	10	[CALC]	08/29/2025	09/03/2025	
Magnesium	ND	0.823	"	"	"	"	"	
Sodium	ND	0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg dry	1	B5H2926	08/29/2025	08/30/2025	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.021	"	"	"	"	"	U
Anthracene	ND	0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.021	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.021	"	"	"	"	"	U

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Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-E Wall 4Ft
8/28/2025 9:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0648-02 (Soil) Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Chrysene	ND		0.021	mg/kg dry	1	B5H2926	08/29/2025	08/30/2025	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	98.6 %			60-130		"	"	"	
Surrogate: Anthracene-d10	89.9 %			60-130		"	"	"	
Surrogate: Pyrene-d10	101 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	93.4			mass percent	1	B5I0231	09/02/2025	09/03/2025	
pH in Soil by 9045D									
pH	8.29			pH Units	1	B5H2923	08/29/2025	09/03/2025	
SAR by 20B Saturated Paste									

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Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-E Wall 4Ft
8/28/2025 9:10:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-02 (Soil)
Origins Laboratory

SAR by 20B Saturated Paste

SAR	0.133	0.0100	SAR	1	B5H2922	08/29/2025	09/03/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.242	0.00500	mmhos/cm	1	B5H2923	08/29/2025	09/03/2025
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Table 915 metals by EPA 6020B

Arsenic	3.35	0.216	mg/kg dry	10	B5I0230	09/02/2025	09/05/2025
Barium	ND	61.0	"	"	"	"	U
Cadmium	ND	0.283	"	"	"	"	U
Copper	ND	34.2	"	"	"	"	U
Lead	ND	10.4	"	"	"	"	U
Nickel	ND	19.3	"	"	"	"	U
Selenium	ND	0.183	"	"	"	"	U
Silver	ND	0.595	"	"	"	"	U
Zinc	ND	275	"	"	"	"	U

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Fremont Environmental
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Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-S Wall 4Ft
8/28/2025 9:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-03 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.33	mg/Kg dry	1	381429	09/09/2025	09/10/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.118		0.108	mg/L dry	1	B5H2951	08/29/2025	09/03/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		27.1	mg/kg dry	1	B5H2948	08/29/2025	09/02/2025	U
Residual Range Organics (C28-C36)	ND		108	"	"	"	"	"	U

Surrogate: o-Terphenyl	75.1 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5I0228	09/02/2025	09/02/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

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Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-S Wall 4Ft
8/28/2025 9:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-03 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND	0.216	mg/kg dry	1	B5I0228	09/02/2025	09/02/2025	U
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Surrogate: 1,2-Dichloroethane-d4	110 %	70-130	"	"	"	"	"	"
Surrogate: Toluene-d8	109 %	70-130	"	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	100 %	70-130	"	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	0.796	0.499	meq/L	10	[CALC]	08/29/2025	09/03/2025	
Magnesium	ND	0.823	"	"	"	"	"	
Sodium	ND	0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg dry	1	B5H2926	08/29/2025	08/30/2025	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.022	"	"	"	"	"	U
Anthracene	ND	0.022	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.022	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.022	"	"	"	"	"	U

Origins Laboratory

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Kayla Kenyon, Project Manager



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-S Wall 4Ft

8/28/2025 9:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0648-03 (Soil) Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Chrysene	ND		0.022	mg/kg dry	1	B5H2926	08/29/2025	08/30/2025	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U
Fluorene	ND		0.022	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U
Surrogate: Fluorene-d10	97.7 %			60-130		"	"	"	
Surrogate: Anthracene-d10	91.0 %			60-130		"	"	"	
Surrogate: Pyrene-d10	105 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	101 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	92.4			mass percent	1	B5I0231	09/02/2025	09/03/2025	
pH in Soil by 9045D									
pH	8.35			pH Units	1	B5H2923	08/29/2025	09/03/2025	
SAR by 20B Saturated Paste									

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Kayla Kenyon, Project Manager



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-S Wall 4Ft
8/28/2025 9:20:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-03 (Soil)
Origins Laboratory

SAR by 20B Saturated Paste

SAR	0.225	0.0100	SAR	1	B5H2922	08/29/2025	09/03/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.194	0.00500	mmhos/cm	1	B5H2923	08/29/2025	09/03/2025
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Table 915 metals by EPA 6020B

Arsenic	3.12	0.219	mg/kg dry	10	B5I0230	09/02/2025	09/05/2025
Barium	66.4	61.7	"	"	"	"	"
Cadmium	ND	0.286	"	"	"	"	U
Copper	ND	34.6	"	"	"	"	U
Lead	ND	10.5	"	"	"	"	U
Nickel	ND	19.6	"	"	"	"	U
Selenium	ND	0.185	"	"	"	"	U
Silver	ND	0.602	"	"	"	"	U
Zinc	ND	278	"	"	"	"	U

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Kayla Kenyon, Project Manager



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-W Wall 4Ft
8/28/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-04 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.17	0.33	mg/Kg dry	1	381429	09/09/2025	09/10/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.161		0.112	mg/L dry	1	B5H2951	08/29/2025	09/03/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	ND		28.0	mg/kg dry	1	B5H2948	08/29/2025	09/02/2025	U
Residual Range Organics (C28-C36)	ND		112	"	"	"	"	"	U

Surrogate: o-Terphenyl	79.4 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5I0228	09/02/2025	09/02/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

Origins Laboratory

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-W Wall 4Ft
8/28/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-04 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND	0.224	mg/kg dry	1	B5I0228	09/02/2025	09/02/2025	U
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Surrogate: 1,2-Dichloroethane-d4	117 %		70-130	"	"	"	"	"
Surrogate: Toluene-d8	108 %		70-130	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	101 %		70-130	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	ND	0.499	meq/L	10	[CALC]	08/29/2025	09/03/2025	
Magnesium	ND	0.823	"	"	"	"	"	
Sodium	1.20	0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg dry	1	B5H2926	08/29/2025	08/30/2025	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.022	"	"	"	"	"	U
Anthracene	ND	0.022	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.006	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.022	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.022	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.022	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-W Wall 4Ft
8/28/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0648-04 (Soil) Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Chrysene	ND		0.022	mg/kg dry	1	B5H2926	08/29/2025	08/30/2025	U
Dibenz (a,h) anthracene	ND		0.022	"	"	"	"	"	U
Fluoranthene	ND		0.022	"	"	"	"	"	U
Fluorene	ND		0.022	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.022	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.022	"	"	"	"	"	U
Surrogate: Fluorene-d10	97.8 %			60-130		"	"	"	
Surrogate: Anthracene-d10	91.7 %			60-130		"	"	"	
Surrogate: Pyrene-d10	105 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.5 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	89.3			mass percent	1	B5I0231	09/02/2025	09/03/2025	
pH in Soil by 9045D									
pH	8.39			pH Units	1	B5H2923	08/29/2025	09/03/2025	
SAR by 20B Saturated Paste									

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Kayla Kenyon, Project Manager



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-W Wall 4Ft
8/28/2025 9:30:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-04 (Soil)
Origins Laboratory

SAR by 20B Saturated Paste

SAR	1.94	0.0100	SAR	1	B5H2922	08/29/2025	09/03/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.238	0.00500	mmhos/cm	1	B5H2923	08/29/2025	09/03/2025
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Table 915 metals by EPA 6020B

Arsenic	2.55	0.218	mg/kg dry	10	B5I0230	09/02/2025	09/05/2025
Barium	ND	61.6	"	"	"	"	U
Cadmium	ND	0.286	"	"	"	"	U
Copper	ND	34.6	"	"	"	"	U
Lead	ND	10.5	"	"	"	"	U
Nickel	ND	19.5	"	"	"	"	U
Selenium	ND	0.185	"	"	"	"	U
Silver	ND	0.601	"	"	"	"	U
Zinc	ND	278	"	"	"	"	U

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Kayla Kenyon, Project Manager



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-FS-01 6Ft

8/28/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-05 (Soil)
Enthalpy Orange

Total Metals by 7199

Hexavalent Chromium	ND	0.16	0.31	mg/Kg dry	1	381429	09/09/2025	09/10/2025	ND
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Origins Laboratory

Boron (DTPA Sorbitol)

(DTPA Sorbitol) Boron	0.158		0.105	mg/L dry	1	B5H2951	08/29/2025	09/03/2025	
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DRO/ORO by EPA 8015D

Diesel (C10-C28)	59.6		26.1	mg/kg dry	1	B5H2948	08/29/2025	09/02/2025	
Residual Range Organics (C28-C36)	253		104	"	"	"	"	"	"

Surrogate: o-Terphenyl	74.7 %			50-150		"	"	"	
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GBTEX+TMBs by 8260D

1,2,4-Trimethylbenzene	ND		0.002	mg/kg dry	1	B5I0228	09/02/2025	09/02/2025	U
1,3,5-Trimethylbenzene	ND		0.002	"	"	"	"	"	U
Benzene	ND		0.002	"	"	"	"	"	U
Ethylbenzene	ND		0.002	"	"	"	"	"	U
Toluene	ND		0.002	"	"	"	"	"	U
Xylenes, total	ND		0.002	"	"	"	"	"	U

Origins Laboratory

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-FS-01 6Ft

8/28/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-05 (Soil)
Origins Laboratory

GBTEX+TMBs by 8260D

Gasoline Range Hydrocarbons	ND	0.209	mg/kg dry	1	B5I0228	09/02/2025	09/02/2025	U
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Surrogate: 1,2-Dichloroethane-d4	113 %		70-130	"	"	"	"	"
Surrogate: Toluene-d8	109 %		70-130	"	"	"	"	"
Surrogate: 4-Bromofluorobenzene	102 %		70-130	"	"	"	"	"

Metals by Saturated Paste by EPA 6010

Calcium	1.70	0.499	meq/L	10	[CALC]	08/29/2025	09/03/2025	
Magnesium	ND	0.823	"	"	"	"	"	
Sodium	0.489	0.435	"	"	"	"	"	

PAH by EPA 8270E extracted via 3580A

1-Methylnaphthalene	ND	0.002	mg/kg dry	1	B5H2926	08/29/2025	08/30/2025	U
2-Methylnaphthalene	ND	0.002	"	"	"	"	"	U
Acenaphthene	ND	0.021	"	"	"	"	"	U
Anthracene	ND	0.021	"	"	"	"	"	U
Benzo (a) anthracene	ND	0.005	"	"	"	"	"	U
Benzo (a) pyrene	ND	0.021	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	0.021	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	0.021	"	"	"	"	"	U

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Kayla Kenyon, Project Manager



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Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-FS-01 6Ft

8/28/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
E5H0648-05 (Soil) Origins Laboratory									
PAH by EPA 8270E extracted via 3580A									
Chrysene	ND		0.021	mg/kg dry	1	B5H2926	08/29/2025	08/30/2025	U
Dibenz (a,h) anthracene	ND		0.021	"	"	"	"	"	U
Fluoranthene	ND		0.021	"	"	"	"	"	U
Fluorene	ND		0.021	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND		0.021	"	"	"	"	"	U
Naphthalene	ND		0.002	"	"	"	"	"	U
Pyrene	ND		0.021	"	"	"	"	"	U
Surrogate: Fluorene-d10	98.3 %			60-130		"	"	"	
Surrogate: Anthracene-d10	90.1 %			60-130		"	"	"	
Surrogate: Pyrene-d10	103 %			60-130		"	"	"	
Surrogate: Benzo (a) pyrene-d12	99.1 %			60-130		"	"	"	
Percent Solids									
Total Solids, Percent	95.9			mass percent	1	B5I0231	09/02/2025	09/03/2025	
pH in Soil by 9045D									
pH	8.23			pH Units	1	B5H2923	08/29/2025	09/03/2025	
SAR by 20B Saturated Paste									

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Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

WH-FS-01 6Ft

8/28/2025 9:40:00AM

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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E5H0648-05 (Soil)
Origins Laboratory

SAR by 20B Saturated Paste

SAR	0.453	0.0100	SAR	1	B5H2922	08/29/2025	09/03/2025
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Specific Conductance Mod. 9050A

Specific Conductance (EC)	0.406	0.00500	mmhos/cm	1	B5H2923	08/29/2025	09/03/2025
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Table 915 metals by EPA 6020B

Arsenic	2.24	0.204	mg/kg dry	10	B5I0230	09/02/2025	09/05/2025
Barium	566	57.6	"	"	"	"	"
Cadmium	ND	0.267	"	"	"	"	U
Copper	ND	32.3	"	"	"	"	U
Lead	ND	9.84	"	"	"	"	U
Nickel	ND	18.3	"	"	"	"	U
Selenium	ND	0.173	"	"	"	"	U
Silver	ND	0.562	"	"	"	"	U
Zinc	ND	260	"	"	"	"	U

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Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

*** DEFAULT GENERAL METHOD *** - 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 B5I0231 - % Solids

Duplicate (B5I0231-DUP1)

Source: E5H0625-25

Prepared: 09/02/2025 Analyzed: 09/03/2025

Total Solids, Percent	92.9	mass percent	93.1	0.181	20
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Duplicate (B5I0231-DUP2)

Source: E5H0625-26

Prepared: 09/02/2025 Analyzed: 09/03/2025

Total Solids, Percent	97.5	mass percent	97.2	0.237	20
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Kayla Kenyon, Project Manager



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

Classical Chemistry Parameters - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2922 - Saturated Paste Metals

Blank (B5H2922-BLK1)

Prepared: 08/29/2025 Analyzed: 09/03/2025

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

Duplicate (B5H2922-DUP1)

Source: E5H0644-01

Prepared: 08/29/2025 Analyzed: 09/03/2025

SAR	ND	0.0100	SAR	0.771				200		U
Calcium PPM	264	10.0	mg/L	147				56.6	50	QR-DUP
Magnesium PPM	88.8	10.0	"	56.9				43.8	50	
Sodium PPM	56.2	10.0	"	43.4				25.6	50	

Batch B5H2951 - DTPA Sorbitol Preparation

Blank (B5H2951-BLK1)

Prepared: 08/29/2025 Analyzed: 09/03/2025

(DTPA Sorbitol) Boron	ND	0.100	mg/L wet							U
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Duplicate (B5H2951-DUP1)

Source: E5H0645-11

Prepared: 08/29/2025 Analyzed: 09/03/2025

(DTPA Sorbitol) Boron	0.144	0.114	mg/L dry	0.136				5.87	50	
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Kayla Kenyon, Project Manager



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2926 - EPA 3580

Blank (B5H2926-BLK1)

Prepared: 08/29/2025 Analyzed: 08/29/2025

1-Methylnaphthalene	ND	0.002	mg/kg wet							U
2-Methylnaphthalene	ND	0.002	"							U
Acenaphthene	ND	0.020	"							U
Anthracene	ND	0.020	"							U
Benzo (a) anthracene	ND	0.005	"							U
Benzo (a) pyrene	ND	0.020	"							U
Benzo (b) fluoranthene	ND	0.020	"							U
Benzo (k) fluoranthene	ND	0.020	"							U
Chrysene	ND	0.020	"							U
Dibenz (a,h) anthracene	ND	0.020	"							U
Fluoranthene	ND	0.020	"							U
Fluorene	ND	0.020	"							U
Indeno (1,2,3-cd) pyrene	ND	0.020	"							U
Naphthalene	ND	0.002	"							U
Pyrene	ND	0.020	"							U

Surrogate: Fluorene-d10	200		ug/kg	200	99.0	60-130
Surrogate: Anthracene-d10	180		"	200	90.2	60-130
Surrogate: Pyrene-d10	200		"	200	102	60-130
Surrogate: Benzo (a) pyrene-d12	200		"	200	98.0	60-130

LCS (B5H2926-BS1)

Prepared: 08/29/2025 Analyzed: 08/29/2025

1-Methylnaphthalene	0.182	0.002	mg/kg wet	0.200	91.2	70-130
2-Methylnaphthalene	0.193	0.002	"	0.200	96.3	70-130
Acenaphthene	0.212	0.020	"	0.200	106	70-130
Anthracene	0.180	0.020	"	0.200	89.8	70-130
Benzo (a) anthracene	0.179	0.005	"	0.200	89.5	70-130
Benzo (a) pyrene	0.191	0.020	"	0.200	95.3	70-130

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2926 - EPA 3580

LCS (B5H2926-BS1)

Prepared: 08/29/2025 Analyzed: 08/29/2025

Benzo (b) fluoranthene	0.212	0.020	mg/kg wet	0.200		106	70-130			
Benzo (k) fluoranthene	0.178	0.020	"	0.200		88.8	70-130			
Chrysene	0.208	0.020	"	0.200		104	70-130			
Dibenz (a,h) anthracene	0.212	0.020	"	0.200		106	70-130			
Fluoranthene	0.182	0.020	"	0.200		91.1	70-130			
Fluorene	0.192	0.020	"	0.200		96.2	70-130			
Indeno (1,2,3-cd) pyrene	0.218	0.020	"	0.200		109	70-130			
Naphthalene	0.192	0.002	"	0.200		96.2	70-130			
Pyrene	0.194	0.020	"	0.200		96.9	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		97.4	60-130			
Surrogate: Anthracene-d10	180		"	200		91.3	60-130			
Surrogate: Pyrene-d10	200		"	200		101	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		99.4	60-130			

Matrix Spike (B5H2926-MS1)

Source: E5H0628-07

Prepared: 08/29/2025 Analyzed: 08/29/2025

1-Methylnaphthalene	0.224	0.002	mg/kg dry	0.245	ND	91.2	70-130			
2-Methylnaphthalene	0.237	0.002	"	0.245	ND	96.9	70-130			
Acenaphthene	0.248	0.025	"	0.245	ND	101	70-130			
Anthracene	0.183	0.025	"	0.245	0.0007	74.2	70-130			
Benzo (a) anthracene	0.175	0.006	"	0.245	ND	71.5	70-130			
Benzo (a) pyrene	0.178	0.025	"	0.245	0.002	71.7	70-130			
Benzo (b) fluoranthene	0.217	0.025	"	0.245	0.002	87.6	70-130			
Benzo (k) fluoranthene	0.187	0.025	"	0.245	0.002	75.3	70-130			
Chrysene	0.192	0.025	"	0.245	0.002	77.6	70-130			
Dibenz (a,h) anthracene	0.196	0.025	"	0.245	0.003	78.9	70-130			
Fluoranthene	0.192	0.025	"	0.245	0.0008	78.0	70-130			
Fluorene	0.223	0.025	"	0.245	0.0003	91.1	70-130			

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Kayla Kenyon, Project Manager



Fremont Environmental
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Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2926 - EPA 3580

Matrix Spike (B5H2926-MS1)			Source: E5H0628-07			Prepared: 08/29/2025 Analyzed: 08/29/2025				
Indeno (1,2,3-cd) pyrene	0.203	0.025	mg/kg dry	0.245	0.002	81.7	70-130			
Naphthalene	0.246	0.002	"	0.245	ND	101	70-130			
Pyrene	0.231	0.025	"	0.245	0.002	93.6	70-130			
Surrogate: Fluorene-d10	190		ug/kg	200		97.4	60-130			
Surrogate: Anthracene-d10	180		"	200		88.4	60-130			
Surrogate: Pyrene-d10	220		"	200		110	60-130			
Surrogate: Benzo (a) pyrene-d12	200		"	200		98.2	60-130			

Matrix Spike Dup (B5H2926-MSD1)			Source: E5H0628-07			Prepared: 08/29/2025 Analyzed: 08/29/2025				
1-Methylnaphthalene	0.211	0.002	mg/kg dry	0.245	ND	85.9	70-130	5.95	20	
2-Methylnaphthalene	0.226	0.002	"	0.245	ND	92.3	70-130	4.80	20	
Acenaphthene	0.232	0.025	"	0.245	ND	94.7	70-130	6.71	20	
Anthracene	0.178	0.025	"	0.245	0.0007	72.3	70-130	2.69	20	
Benzo (a) anthracene	0.176	0.006	"	0.245	ND	72.0	70-130	0.749	20	
Benzo (a) pyrene	0.176	0.025	"	0.245	0.002	70.7	70-130	1.40	20	
Benzo (b) fluoranthene	0.206	0.025	"	0.245	0.002	83.0	70-130	5.32	20	
Benzo (k) fluoranthene	0.191	0.025	"	0.245	0.002	77.0	70-130	2.17	20	
Chrysene	0.200	0.025	"	0.245	0.002	80.8	70-130	3.98	20	
Dibenz (a,h) anthracene	0.194	0.025	"	0.245	0.003	78.1	70-130	1.06	20	
Fluoranthene	0.183	0.025	"	0.245	0.0008	74.4	70-130	4.68	20	
Fluorene	0.208	0.025	"	0.245	0.0003	84.9	70-130	6.99	20	
Indeno (1,2,3-cd) pyrene	0.195	0.025	"	0.245	0.002	78.4	70-130	4.09	20	
Naphthalene	0.218	0.002	"	0.245	ND	88.9	70-130	12.3	20	
Pyrene	0.222	0.025	"	0.245	0.002	89.9	70-130	4.03	20	
Surrogate: Fluorene-d10	190		ug/kg	200		97.1	60-130			
Surrogate: Anthracene-d10	180		"	200		91.8	60-130			
Surrogate: Pyrene-d10	220		"	200		111	60-130			

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Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B5H2926 - EPA 3580

Matrix Spike Dup (B5H2926-MSD1)

Source: E5H0628-07

Prepared: 08/29/2025 Analyzed: 08/29/2025

Surrogate: Benzo (a) pyrene-d12	210	ug/kg	200	103	60-130
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Fremont Environmental
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Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

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 B5H2948 - EPA 3550B										
Blank (B5H2948-BLK1)					Prepared: 08/29/2025 Analyzed: 09/02/2025					
Diesel (C10-C28)	ND	25.0	mg/kg wet							U
Residual Range Organics (C28-C36)	ND	100	"							U
Surrogate: o-Terphenyl	20		"	24.9		80.3	50-150			
LCS (B5H2948-BS1)					Prepared: 08/29/2025 Analyzed: 09/02/2025					
Diesel (C10-C28)	912	50.0	mg/kg wet	1000		91.2	70-130			
Residual Range Organics (C28-C36)	962	200	"	1000		96.2	70-130			
Surrogate: o-Terphenyl	47		"	49.8		95.2	50-150			
Matrix Spike (B5H2948-MS1)					Source: E5H0647-10		Prepared: 08/29/2025 Analyzed: 09/02/2025			
Diesel (C10-C28)	1040	58.3	mg/kg dry	1170	ND	89.5	70-130			
Residual Range Organics (C28-C36)	1090	233	"	1170	ND	93.7	70-130			
Surrogate: o-Terphenyl	51		"	58.0		87.7	50-150			
Matrix Spike Dup (B5H2948-MSD1)					Source: E5H0647-10		Prepared: 08/29/2025 Analyzed: 09/02/2025			
Diesel (C10-C28)	1090	58.3	mg/kg dry	1170	ND	93.3	70-130	4.15	35	
Residual Range Organics (C28-C36)	1140	233	"	1170	ND	97.9	70-130	4.36	35	
Surrogate: o-Terphenyl	53		"	58.0		90.6	50-150			

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Fremont Environmental
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Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

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 B5I0230 - EPA 3050B

Blank (B5I0230-BLK1)

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	ND	0.218	mg/kg wet							U
Barium	ND	61.5	"							U
Cadmium	ND	0.285	"							U
Copper	ND	34.5	"							U
Lead	ND	10.5	"							U
Nickel	ND	19.5	"							U
Selenium	ND	0.184	"							U
Silver	ND	0.600	"							U
Zinc	ND	278	"							U

LCS (B5I0230-BS1)

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	5.44	0.218	mg/kg wet	5.00		109	80-120			
Barium	571	61.5	"	500		114	80-120			
Cadmium	5.37	0.285	"	5.00		107	80-120			
Copper	56.2	34.5	"	50.0		112	80-120			
Lead	5.61	10.5	"	5.00		112	80-120			U
Nickel	5.89	19.5	"	5.00		118	80-120			U
Selenium	5.43	0.184	"	5.00		109	80-120			
Silver	5.49	0.600	"	5.00		110	80-120			
Zinc	55.2	278	"	50.0		110	80-120			U

Matrix Spike (B5I0230-MS1)

Source: E5H0614-21

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	6.22	0.215	mg/kg dry	4.92	1.47	96.4	75-125			
Barium	548	60.6	"	492	46.3	102	75-125			
Cadmium	4.78	0.281	"	4.92	0.0397	96.3	75-125			
Copper	52.8	34.0	"	49.2	2.83	101	75-125			
Lead	8.88	10.3	"	4.92	4.04	98.3	75-125			U

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Kayla Kenyon, Project Manager



Fremont Environmental
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Wellington CO 80549

Paul Henehan
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Project: Chevron - Furrow AB15-99HZ

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 B5I0230 - EPA 3050B

Matrix Spike (B5I0230-MS1)

Source: E5H0614-21

Prepared: 09/02/2025 Analyzed: 09/05/2025

Nickel	9.51	19.2	mg/kg dry	4.92	4.14	109	75-125			U
Selenium	5.07	0.182	"	4.92	0.0555	102	75-125			
Silver	4.89	0.591	"	4.92	0.0185	98.9	75-125			
Zinc	65.2	273	"	49.2	16.8	98.3	75-125			U

Matrix Spike Dup (B5I0230-MSD1)

Source: E5H0614-21

Prepared: 09/02/2025 Analyzed: 09/05/2025

Arsenic	6.63	0.201	mg/kg dry	4.60	1.47	112	75-125	6.35	20	
Barium	582	56.6	"	460	46.3	116	75-125	6.03	20	
Cadmium	4.92	0.262	"	4.60	0.0397	106	75-125	2.79	20	
Copper	55.3	31.8	"	46.0	2.83	114	75-125	4.70	20	
Lead	9.65	9.66	"	4.60	4.04	122	75-125	8.38	20	U
Nickel	10.2	17.9	"	4.60	4.14	132	75-125	7.02	20	QM-07, U
Selenium	4.69	0.170	"	4.60	0.0555	101	75-125	7.90	20	
Silver	5.10	0.552	"	4.60	0.0185	110	75-125	4.28	20	
Zinc	70.5	255	"	46.0	16.8	117	75-125	7.76	20	U

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Fremont Environmental
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Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

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 B5H2923 - Saturated Paste pH/EC

Blank (B5H2923-BLK1)

Prepared: 08/29/2025 Analyzed: 09/03/2025

Specific Conductance (EC)	ND	0.00500	mmhos/cm							U
Duplicate (B5H2923-DUP1)		Source: E5H0644-01								
Specific Conductance (EC)	1.68	0.00500	mmhos/cm		1.03		47.9	25		QR-DUP
pH	8.18		pH Units		8.26		0.973	25		

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Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B5I0228 - EPA 5030 (soil)										
Blank (B5I0228-BLK1)				Prepared: 09/02/2025 Analyzed: 09/02/2025						
1,2,4-Trimethylbenzene	ND	0.002	mg/kg wet							U
1,3,5-Trimethylbenzene	ND	0.002	"							U
Benzene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Gasoline Range Hydrocarbons	ND	0.200	"							U
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		103	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.12		"	0.125		96.7	70-130			
LCS (B5I0228-BS1)				Prepared: 09/02/2025 Analyzed: 09/02/2025						
1,2,4-Trimethylbenzene	0.117	0.002	mg/kg wet	0.100		117	70-130			
1,3,5-Trimethylbenzene	0.116	0.002	"	0.100		116	70-130			
Benzene	0.108	0.002	"	0.100		108	70-130			
Ethylbenzene	0.115	0.002	"	0.100		115	70-130			
Toluene	0.114	0.002	"	0.100		114	70-130			
o-Xylene	0.116	0.002	"	0.100		116	70-130			
m,p-Xylene	0.236	0.004	"	0.200		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.13		"	0.125		102	70-130			
Surrogate: Toluene-d8	0.13		"	0.125		105	70-130			
Surrogate: 4-Bromofluorobenzene	0.13		"	0.125		106	70-130			
Matrix Spike (B5I0228-MS1)				Source: E5H0648-01 Prepared: 09/02/2025 Analyzed: 09/02/2025						
1,2,4-Trimethylbenzene	0.155	0.002	mg/kg dry	0.112	ND	139	70-130			QM-07
1,3,5-Trimethylbenzene	0.152	0.002	"	0.112	ND	136	70-130			QM-07
Benzene	0.139	0.002	"	0.112	ND	124	70-130			

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Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

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 B5I0228 - EPA 5030 (soil)

Matrix Spike (B5I0228-MS1)				Source: E5H0648-01			Prepared: 09/02/2025 Analyzed: 09/02/2025			
Ethylbenzene	0.147	0.002	mg/kg dry	0.112	ND	132	70-130			QM-07
Toluene	0.147	0.002	"	0.112	ND	132	70-130			QM-07
o-Xylene	0.154	0.002	"	0.112	ND	139	70-130			QM-07
m,p-Xylene	0.308	0.004	"	0.223	ND	138	70-130			QM-07
Surrogate: 1,2-Dichloroethane-d4	0.14		"	0.139		103	70-130			
Surrogate: Toluene-d8	0.15		"	0.139		106	70-130			
Surrogate: 4-Bromofluorobenzene	0.15		"	0.139		109	70-130			

Matrix Spike Dup (B5I0228-MSD1)				Source: E5H0648-01			Prepared: 09/02/2025 Analyzed: 09/02/2025			
1,2,4-Trimethylbenzene	0.130	0.002	mg/kg dry	0.112	ND	117	70-130	17.4	20	
1,3,5-Trimethylbenzene	0.129	0.002	"	0.112	ND	115	70-130	16.7	20	
Benzene	0.127	0.002	"	0.112	ND	114	70-130	8.46	20	
Ethylbenzene	0.129	0.002	"	0.112	ND	116	70-130	12.6	20	
Toluene	0.131	0.002	"	0.112	ND	117	70-130	12.1	20	
o-Xylene	0.130	0.002	"	0.112	ND	117	70-130	17.2	20	
m,p-Xylene	0.263	0.004	"	0.223	ND	118	70-130	15.8	20	
Surrogate: 1,2-Dichloroethane-d4	0.15		"	0.139		104	70-130			
Surrogate: Toluene-d8	0.14		"	0.139		103	70-130			
Surrogate: 4-Bromofluorobenzene	0.15		"	0.139		108	70-130			

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Kayla Kenyon, Project Manager



Fremont Environmental
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: C024-009
Project: Chevron - Furrow AB15-99HZ

Total Metals by 7199 - Quality Control
Enthalpy Orange

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 381429 - EPA 3060A										
BLANK (QC1291930)					Prepared: 09/09/2025 Analyzed: 09/10/2025					
Hexavalent Chromium	ND	0.30	mg/Kg				-			ND
LCS (QC1291931)					Prepared: 09/09/2025 Analyzed: 09/10/2025					
Hexavalent Chromium	41.78	0.6000	mg/Kg	40.00		104	80-120			
Duplicate (QC1291933)					Source: E5H0648-01 Prepared: 09/09/2025 Analyzed: 09/10/2025					
Hexavalent Chromium	ND	0.3218	mg/Kg dry		0		-		30	ND
Matrix Spike (QC1291934)					Source: E5H0648-01 Prepared: 09/09/2025 Analyzed: 09/10/2025					
Hexavalent Chromium	43.64	0.6536	mg/Kg dry	43.57	0	100	70-130			

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Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: C024-009

Project: Chevron - Furrow AB15-99HZ

Notes and Definitions

U Sample is Non-Detect.

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

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

ND Not Detected

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

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Kayla Kenyon, Project Manager