

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

October 24, 2024

Paul Henchan
Fremont Environmental
PO Box 1289
Wellington, CO 80549

RE: Chevron - SLW Green Vince State BB-18-9 (Flowline)
Work Order #2410271

Enclosed are the results of analyses for samples received by Summit Scientific on 10/16/24 16:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Natalie Tessier". The signature is fluid and cursive, written in a professional style.

Natalie Tessier For Paul Shrewsbury
President



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233

Project Manager: Paul Henchan

Reported:
10/24/24 09:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FL01RW - 3.0	2410271-01	Soil	10/16/24 00:00	10/16/24 16:30
FL01 - 3.0	2410271-02	Soil	10/16/24 00:00	10/16/24 16:30
FL02 - 3.0	2410271-03	Soil	10/16/24 00:00	10/16/24 16:30
FL03 - 3.0	2410271-04	Soil	10/16/24 00:00	10/16/24 16:30
FL04 - 3.0	2410271-05	Soil	10/16/24 00:00	10/16/24 16:30
FL05 - 3.0	2410271-06	Soil	10/16/24 00:00	10/16/24 16:30
FL06 - 3.0	2410271-07	Soil	10/16/24 00:00	10/16/24 16:30

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

SUMMIT SCIENTIFIC

4653 Table Mountain Drive
Golden, CO 80403
303-277-9310

Lab ID	Page 1 of 1
2410271	

Send Data To:		Send Invoice To:	
Client: Fremont	Project Manager: Paul Henehan	Company: <u>Chevron</u>	
Address:	E-Mail: <u>Distribution List</u>	Project Name/Location:	
City/State/Zip:		AFE#:	
Phone: <u>813-514-7730</u>	Project Name: <u>SLW GREEN VINCE STATE BB18-9 (Hond)</u>	O/Billing Codes: <u>UWRWE-AY270-AES</u>	
Sampler Name: <u>JOSHUA BELANGER</u>	Project Number: <u>C024-233</u>	Contact: <u>Mike Moroyca</u>	

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix		Analysis Requested						Special Instructions		
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	Bob.N	TPH (16-36)	TMBS	915 Metals		SAP, EC, PH, BOREN	PATS
1	FLO1RW-3.0	10/16		2			X						X	X	X	X	X	X	
2	FLO1-3.0	↓		↓			↓						↓	↓	↓	↓	↓	↓	
3	FLO2-3.0	↓		↓			↓						↓	↓	↓	↓	↓	↓	
4	FLO3-3.0	↓		↓			↓						↓	↓	↓	↓	↓	↓	
5	FLO4-3.0	↓		↓			↓						↓	↓	↓	↓	↓	↓	
6	FLO5-3.0	↓		↓			↓						↓	↓	↓	↓	↓	↓	
7	FLO6-3.0	↓		↓			↓						↓	↓	↓	↓	↓	↓	
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			

Relinquished by: <u>Toshie Belanger</u>	Date/Time: <u>10/16 1400</u>	Received by: <u>Summit North</u>	Date/Time: <u>10/16 1400</u>	TAT Business Days	Field DO	Notes:
				Same Day	Field EC	
Relinquished by: <u>SK 52</u>	Date/Time: <u>10/16/24 1030</u>	Received by: <u>[Signature]</u>	Date/Time: <u>10/16/24 1030</u>	1 Day	Field ORP	
				2 Days	Field pH	
Relinquished by:	Date/Time:	Received by:	Date/Time:	3 Days	Field Temp.	
				Standard	Field Turb.	
Temperature Upon Receipt: <u>8.5</u>	Corrected Temperature: <u>8</u>	IR gun #:		HNO3 lot #:		

S₂

Sample Receipt Checklist

S2 Work Order# 2410271

Client: Fremont Client Project ID: SW Green Vine State BB18-9 Flow/aw

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other Airbill #: _____

Matrix (Check all that apply) Air Soil/Solid Water Other

Temp (°C) Thermometer #

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	on site
If custody seals are present, are they intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out completely? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling)? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Comments (if any):

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

SN
Custodian Printed Name

10/16/24
Date/Time



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL01RW - 3.0
2410271-01 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHJ0772	10/18/24	10/19/24	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
Naphthalene	ND	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0347	86.8 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0412	103 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0388	97.1 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BHJ0767	10/18/24	10/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	9.56	76.5 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL01RW - 3.0
2410271-01 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHJ0739	10/18/24	10/18/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	0.0154	0.00500	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0138	41.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0168	50.5 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHJ0751	10/18/24	10/23/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **10/16/24 00:00**

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

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL01RW - 3.0
2410271-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	0.886	0.200	mg/kg dry	1	BHJ0853	10/21/24	10/22/24	EPA 6020B	
Barium	39.2	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	1.60	0.400	"	"	"	"	"	"	
Lead	8.77	0.200	"	"	"	"	"	"	
Nickel	1.50	0.400	"	"	"	"	"	"	
Silver	0.735	0.0200	"	"	"	"	"	"	
Zinc	6.40	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHJ0754	10/18/24	10/18/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	40.9	0.0500	mg/L dry	1	BHJ0782	10/18/24	10/22/24	EPA 6020B	
Magnesium	9.71	0.0500	"	"	"	"	"	"	
Sodium	5.46	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.199	0.00100	units	1	BHJ0896	10/22/24	10/22/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

FL01RW - 3.0
2410271-01 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	92.5		%	1	BHJ0762	10/18/24	10/18/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.803	0.0100	mmhos/cm	1	BHJ0784	10/18/24	10/21/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.87		pH Units	1	BHJ0783	10/18/24	10/21/24	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL01 - 3.0
2410271-02 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHJ0772	10/18/24	10/19/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0352	87.9 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0404	101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0389	97.3 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BHJ0767	10/18/24	10/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	10.2	81.7 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)
Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL01 - 3.0
2410271-02 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHJ0739	10/18/24	10/19/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0263	78.8 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0291	87.4 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHJ0751	10/18/24	10/24/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **10/16/24 00:00**

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

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL01 - 3.0
2410271-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	0.666	0.200	mg/kg dry	1	BHJ0853	10/21/24	10/22/24	EPA 6020B	
Barium	24.7	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	1.26	0.400	"	"	"	"	"	"	
Lead	5.16	0.200	"	"	"	"	"	"	
Nickel	0.978	0.400	"	"	"	"	"	"	
Silver	0.238	0.0200	"	"	"	"	"	"	
Zinc	5.92	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHJ0754	10/18/24	10/18/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	16.0	0.0500	mg/L dry	1	BHJ0782	10/18/24	10/22/24	EPA 6020B	
Magnesium	3.63	0.0500	"	"	"	"	"	"	
Sodium	1.57	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.0922	0.00100	units	1	BHJ0896	10/22/24	10/22/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)
 Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

FL01 - 3.0
2410271-02 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	95.6		%	1	BHJ0762	10/18/24	10/18/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.256	0.0100	mmhos/cm	1	BHJ0784	10/18/24	10/21/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	6.74		pH Units	1	BHJ0783	10/18/24	10/21/24	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL02 - 3.0
2410271-03 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHJ0772	10/18/24	10/19/24	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
Naphthalene	ND	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0367	91.8 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0400	100 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0392	98.1 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BHJ0767	10/18/24	10/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	10.1	80.7 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL02 - 3.0
2410271-03 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHJ0739	10/18/24	10/19/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0248	74.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0275	82.5 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHJ0751	10/18/24	10/24/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **10/16/24 00:00**

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

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL02 - 3.0
2410271-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	0.968	0.200	mg/kg dry	1	BHJ0853	10/21/24	10/22/24	EPA 6020B	
Barium	39.1	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	1.07	0.400	"	"	"	"	"	"	
Lead	2.85	0.200	"	"	"	"	"	"	
Nickel	1.06	0.400	"	"	"	"	"	"	
Silver	0.207	0.0200	"	"	"	"	"	"	
Zinc	4.66	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHJ0754	10/18/24	10/18/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	41.6	0.0500	mg/L dry	1	BHJ0782	10/18/24	10/22/24	EPA 6020B	
Magnesium	3.15	0.0500	"	"	"	"	"	"	
Sodium	0.703	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.0283	0.00100	units	1	BHJ0896	10/22/24	10/22/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

FL02 - 3.0
2410271-03 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	97.2		%	1	BHJ0762	10/18/24	10/18/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.165	0.0100	mmhos/cm	1	BHJ0784	10/18/24	10/21/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.63		pH Units	1	BHJ0783	10/18/24	10/21/24	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL03 - 3.0
2410271-04 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	0.0020	mg/kg	1	BHJ0772	10/18/24	10/19/24	EPA 8260B	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.010	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0038	"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	0.0371	92.7 %	50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0403	101 %	50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0392	97.9 %	50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C10-C28 (DRO)	ND	50	mg/kg	1	BHJ0767	10/18/24	10/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: o-Terphenyl	9.99	79.9 %	30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL03 - 3.0
2410271-04 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHJ0739	10/18/24	10/19/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0238	71.5 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0285	85.5 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHJ0751	10/18/24	10/24/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **10/16/24 00:00**

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

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL03 - 3.0
2410271-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	0.636	0.200	mg/kg dry	1	BHJ0853	10/21/24	10/22/24	EPA 6020B	
Barium	18.9	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	0.836	0.400	"	"	"	"	"	"	
Lead	2.76	0.200	"	"	"	"	"	"	
Nickel	0.899	0.400	"	"	"	"	"	"	
Silver	0.242	0.0200	"	"	"	"	"	"	
Zinc	4.07	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHJ0754	10/18/24	10/18/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	12.5	0.0500	mg/L dry	1	BHJ0782	10/18/24	10/22/24	EPA 6020B	
Magnesium	2.36	0.0500	"	"	"	"	"	"	
Sodium	0.276	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.0188	0.00100	units	1	BHJ0896	10/22/24	10/22/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

FL03 - 3.0
2410271-04 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	97.5		%	1	BHJ0762	10/18/24	10/18/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.0992	0.0100	mmhos/cm	1	BHJ0784	10/18/24	10/21/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.30		pH Units	1	BHJ0783	10/18/24	10/21/24	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL04 - 3.0
2410271-05 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHJ0772	10/18/24	10/19/24	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
Naphthalene	ND	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0336	84.0 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0403	101 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0392	98.0 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BHJ0767	10/18/24	10/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	11.1	88.7 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL04 - 3.0
2410271-05 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHJ0739	10/18/24	10/19/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0234	70.3 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0253	75.9 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHJ0751	10/18/24	10/24/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **10/16/24 00:00**

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

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL04 - 3.0
2410271-05 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	0.639	0.200	mg/kg dry	1	BHJ0853	10/21/24	10/22/24	EPA 6020B	
Barium	17.1	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	0.887	0.400	"	"	"	"	"	"	
Lead	3.40	0.200	"	"	"	"	"	"	
Nickel	0.738	0.400	"	"	"	"	"	"	
Silver	0.173	0.0200	"	"	"	"	"	"	
Zinc	3.84	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHJ0754	10/18/24	10/18/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	13.4	0.0500	mg/L dry	1	BHJ0782	10/18/24	10/22/24	EPA 6020B	
Magnesium	2.55	0.0500	"	"	"	"	"	"	
Sodium	4.04	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.265	0.00100	units	1	BHJ0896	10/22/24	10/22/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)
 Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

FL04 - 3.0
2410271-05 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	98.2		%	1	BHJ0762	10/18/24	10/18/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.129	0.0100	mmhos/cm	1	BHJ0784	10/18/24	10/21/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	6.49		pH Units	1	BHJ0783	10/18/24	10/21/24	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL05 - 3.0
2410271-06 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHJ0772	10/18/24	10/19/24	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
Naphthalene	ND	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0368	92.0 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0413	103 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0392	97.9 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BHJ0767	10/18/24	10/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	9.90	79.2 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL05 - 3.0
2410271-06 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHJ0739	10/18/24	10/19/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0222	66.6 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0254	76.3 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHJ0751	10/18/24	10/24/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **10/16/24 00:00**

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

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL05 - 3.0
2410271-06 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	1.12	0.200	mg/kg dry	1	BHJ0853	10/21/24	10/22/24	EPA 6020B	
Barium	54.3	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	1.25	0.400	"	"	"	"	"	"	
Lead	3.45	0.200	"	"	"	"	"	"	
Nickel	1.20	0.400	"	"	"	"	"	"	
Silver	0.166	0.0200	"	"	"	"	"	"	
Zinc	5.11	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHJ0754	10/18/24	10/18/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	17.2	0.0500	mg/L dry	1	BHJ0782	10/18/24	10/22/24	EPA 6020B	
Magnesium	3.39	0.0500	"	"	"	"	"	"	
Sodium	0.300	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.0173	0.00100	units	1	BHJ0896	10/22/24	10/22/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

FL05 - 3.0
2410271-06 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	95.2		%	1	BHJ0762	10/18/24	10/18/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	0.0861	0.0100	mmhos/cm	1	BHJ0784	10/18/24	10/21/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	8.54		pH Units	1	BHJ0783	10/18/24	10/21/24	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL06 - 3.0
2410271-07 (Soil)

Summit Scientific

Volatile Organic Compounds by EPA Method 8260B

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	0.0020		mg/kg	1	BHJ0772	10/18/24	10/19/24	EPA 8260B	
Toluene	ND	0.0050		"	"	"	"	"	"	
Ethylbenzene	ND	0.0050		"	"	"	"	"	"	
Xylenes (total)	ND	0.010		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050		"	"	"	"	"	"	
Naphthalene	ND	0.0038		"	"	"	"	"	"	
Gasoline Range Hydrocarbons	ND	0.50		"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	0.0339	84.8 %		50-150		"	"	"	"	
Surrogate: Toluene-d8	0.0402	101 %		50-150		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	0.0394	98.6 %		50-150		"	"	"	"	

Extractable Petroleum Hydrocarbons by 8015

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
C10-C28 (DRO)	ND	50		mg/kg	1	BHJ0767	10/18/24	10/20/24	EPA 8015M	
C28-C36 (ORO)	ND	50		"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: o-Terphenyl	10.3	82.3 %		30-150		"	"	"	"	

PAH by EPA Method 8270D SIM

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL06 - 3.0
2410271-07 (Soil)

Summit Scientific

PAH by EPA Method 8270D SIM

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acenaphthene	ND	0.00500	mg/kg	1	BHJ0739	10/18/24	10/19/24	EPA 8270D SIM	
Anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.00500	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.00500	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.00500	"	"	"	"	"	"	
Chrysene	ND	0.00500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.00500	"	"	"	"	"	"	
Fluoranthene	ND	0.00500	"	"	"	"	"	"	
Fluorene	ND	0.00500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.00500	"	"	"	"	"	"	
Pyrene	ND	0.00500	"	"	"	"	"	"	
1-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.00500	"	"	"	"	"	"	

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	0.0198	59.4 %	40-150		"	"	"	"	
Surrogate: Fluoranthene-d10	0.0216	64.8 %	40-150		"	"	"	"	

Total Metals by EPA 6020B Hot Water Soluble Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Boron	ND	2.00	mg/L	1	BHJ0751	10/18/24	10/24/24	EPA 6020B	

Total Metals by EPA 6020B

Date Sampled: **10/16/24 00:00**

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

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

FL06 - 3.0
2410271-07 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Arsenic	0.964	0.200	mg/kg dry	1	BHJ0853	10/21/24	10/22/24	EPA 6020B	
Barium	32.5	0.400	"	"	"	"	"	"	
Cadmium	ND	0.200	"	"	"	"	"	"	
Copper	0.863	0.400	"	"	"	"	"	"	
Lead	4.70	0.200	"	"	"	"	"	"	
Nickel	0.978	0.400	"	"	"	"	"	"	
Silver	0.121	0.0200	"	"	"	"	"	"	
Zinc	4.30	0.400	"	"	"	"	"	"	
Selenium	ND	0.260	"	"	"	"	"	"	

Hexavalent Chromium by EPA Method 7196

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chromium, Hexavalent	ND	0.30	mg/kg dry	1	BHJ0754	10/18/24	10/18/24	EPA 7196A	

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Calcium	31.5	0.0500	mg/L dry	1	BHJ0782	10/18/24	10/22/24	EPA 6020B	
Magnesium	6.58	0.0500	"	"	"	"	"	"	
Sodium	1.71	0.0500	"	"	"	"	"	"	

Calculated Analysis

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sodium Adsorption Ratio	0.0724	0.00100	units	1	BHJ0896	10/22/24	10/22/24	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

FL06 - 3.0
2410271-07 (Soil)

Summit Scientific

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
% Solids	96.5		%	1	BHJ0762	10/18/24	10/18/24	Calculation	

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Specific Conductance (EC)	3.21	0.0100	mmhos/cm	1	BHJ0784	10/18/24	10/21/24	EPA 120.1	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **10/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
pH	7.49		pH Units	1	BHJ0783	10/18/24	10/21/24	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BHJ0772 - EPA 5030 Soil MS

Blank (BHJ0772-BLK1)

Prepared & Analyzed: 10/18/24

Benzene	ND	0.0020	mg/kg							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.010	"							
1,2,4-Trimethylbenzene	ND	0.0050	"							
1,3,5-Trimethylbenzene	ND	0.0050	"							
Naphthalene	ND	0.0038	"							
Gasoline Range Hydrocarbons	ND	0.50	"							
Surrogate: 1,2-Dichloroethane-d4	0.0324		"	0.0400		81.0	50-150			
Surrogate: Toluene-d8	0.0405		"	0.0400		101	50-150			
Surrogate: 4-Bromofluorobenzene	0.0399		"	0.0400		99.8	50-150			

LCS (BHJ0772-BS1)

Prepared & Analyzed: 10/18/24

Benzene	0.0957	0.0020	mg/kg	0.100		95.7	70-130			
Toluene	0.0969	0.0050	"	0.100		96.9	70-130			
Ethylbenzene	0.102	0.0050	"	0.100		102	70-130			
m,p-Xylene	0.202	0.010	"	0.200		101	70-130			
o-Xylene	0.0976	0.0050	"	0.100		97.6	70-130			
1,2,4-Trimethylbenzene	0.100	0.0050	"	0.100		100	70-130			
1,3,5-Trimethylbenzene	0.102	0.0050	"	0.100		102	70-130			
Naphthalene	0.0845	0.0038	"	0.100		84.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0330		"	0.0400		82.5	50-150			
Surrogate: Toluene-d8	0.0398		"	0.0400		99.5	50-150			
Surrogate: 4-Bromofluorobenzene	0.0391		"	0.0400		97.6	50-150			

Matrix Spike (BHJ0772-MS1)

Source: 2410260-01

Prepared & Analyzed: 10/18/24

Benzene	0.106	0.0020	mg/kg	0.100	ND	106	70-130			
Toluene	0.107	0.0050	"	0.100	ND	107	70-130			
Ethylbenzene	0.101	0.0050	"	0.100	ND	101	70-130			
m,p-Xylene	0.196	0.010	"	0.200	ND	97.9	70-130			
o-Xylene	0.0950	0.0050	"	0.100	ND	95.0	70-130			
1,2,4-Trimethylbenzene	0.0935	0.0050	"	0.100	ND	93.5	70-130			
1,3,5-Trimethylbenzene	0.0954	0.0050	"	0.100	ND	95.4	70-130			
Naphthalene	0.104	0.0038	"	0.100	ND	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0400		"	0.0400		100	50-150			
Surrogate: Toluene-d8	0.0414		"	0.0400		104	50-150			
Surrogate: 4-Bromofluorobenzene	0.0395		"	0.0400		98.7	50-150			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Summit Scientific

Analyte	Reporting		Units	Spike Level	Source Result	%REC		RPD		Notes
	Result	Limit				Limit	RPD	Limit		

Batch BHJ0772 - EPA 5030 Soil MS

Matrix Spike Dup (BHJ0772-MSD1)	Source: 2410260-01			Prepared: 10/18/24 Analyzed: 10/19/24					
Benzene	0.0970	0.0020	mg/kg	0.100	ND	97.0	70-130	9.29	30
Toluene	0.0943	0.0050	"	0.100	ND	94.3	70-130	12.3	30
Ethylbenzene	0.108	0.0050	"	0.100	ND	108	70-130	5.97	30
m,p-Xylene	0.211	0.010	"	0.200	ND	105	70-130	7.48	30
o-Xylene	0.0998	0.0050	"	0.100	ND	99.8	70-130	4.84	30
1,2,4-Trimethylbenzene	0.0922	0.0050	"	0.100	ND	92.2	70-130	1.42	30
1,3,5-Trimethylbenzene	0.0958	0.0050	"	0.100	ND	95.8	70-130	0.471	30
Naphthalene	0.0988	0.0038	"	0.100	ND	98.8	70-130	4.92	30
Surrogate: 1,2-Dichloroethane-d4	0.0365		"	0.0400		91.3	50-150		
Surrogate: Toluene-d8	0.0368		"	0.0400		91.9	50-150		
Surrogate: 4-Bromofluorobenzene	0.0364		"	0.0400		90.9	50-150		

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)
 Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

Extractable Petroleum Hydrocarbons by 8015 - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BHJ0767 - EPA 3550A

Blank (BHJ0767-BLK1)

Prepared: 10/18/24 Analyzed: 10/19/24

C10-C28 (DRO)	ND	50	mg/kg								
C28-C36 (ORO)	ND	50	"								
Surrogate: <i>o</i> -Terphenyl	12.3		"	12.5		98.1	30-150				

LCS (BHJ0767-BS1)

Prepared: 10/18/24 Analyzed: 10/20/24

C10-C28 (DRO)	569	50	mg/kg	500		114	70-130				
Surrogate: <i>o</i> -Terphenyl	11.9		"	12.5		94.9	30-150				

Matrix Spike (BHJ0767-MS1)

Source: 2410260-01

Prepared: 10/18/24 Analyzed: 10/20/24

C10-C28 (DRO)	582	50	mg/kg	500	37.8	109	70-130				
Surrogate: <i>o</i> -Terphenyl	8.22		"	12.5		65.7	30-150				

Matrix Spike Dup (BHJ0767-MSD1)

Source: 2410260-01

Prepared: 10/18/24 Analyzed: 10/20/24

C10-C28 (DRO)	553	50	mg/kg	500	37.8	103	70-130	5.21	20		
Surrogate: <i>o</i> -Terphenyl	7.34		"	12.5		58.7	30-150				

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source Result	%REC		RPD		Notes
		Limit	Units			Limit	RPD	Limit	RPD	

Batch BHJ0739 - EPA 5030 Soil MS

Blank (BHJ0739-BLK1)

Prepared & Analyzed: 10/18/24

Acenaphthene	ND	0.00500	mg/kg							
Anthracene	ND	0.00500	"							
Benzo (a) anthracene	ND	0.00500	"							
Benzo (a) pyrene	ND	0.00500	"							
Benzo (b) fluoranthene	ND	0.00500	"							
Benzo (k) fluoranthene	ND	0.00500	"							
Chrysene	ND	0.00500	"							
Dibenz (a,h) anthracene	ND	0.00500	"							
Fluoranthene	ND	0.00500	"							
Fluorene	ND	0.00500	"							
Indeno (1,2,3-cd) pyrene	ND	0.00500	"							
Pyrene	ND	0.00500	"							
1-Methylnaphthalene	ND	0.00500	"							
2-Methylnaphthalene	ND	0.00500	"							
Surrogate: 2-Methylnaphthalene-d10	0.0277		"	0.0333		83.0		40-150		
Surrogate: Fluoranthene-d10	0.0306		"	0.0333		91.7		40-150		

LCS (BHJ0739-BS1)

Prepared & Analyzed: 10/18/24

Acenaphthene	0.0278	0.00500	mg/kg			31-137				
Anthracene	0.0316	0.00500	"			30-120				
Benzo (a) anthracene	0.0332	0.00500	"			30-120				
Benzo (a) pyrene	0.0282	0.00500	"			30-120				
Benzo (b) fluoranthene	0.0287	0.00500	"			30-120				
Benzo (k) fluoranthene	0.0284	0.00500	"			30-120				
Chrysene	0.0329	0.00500	"			30-120				
Dibenz (a,h) anthracene	0.0241	0.00500	"			30-120				
Fluoranthene	0.0321	0.00500	"			30-120				
Fluorene	0.0294	0.00500	"			30-120				
Indeno (1,2,3-cd) pyrene	0.0195	0.00500	"			30-120				
Pyrene	0.0334	0.00500	"			35-142				
1-Methylnaphthalene	0.0286	0.00500	"			35-142				
2-Methylnaphthalene	0.0272	0.00500	"			35-142				
Surrogate: 2-Methylnaphthalene-d10	0.0274		"	0.0333		82.1		40-150		
Surrogate: Fluoranthene-d10	0.0328		"	0.0333		98.5		40-150		

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

PAH by EPA Method 8270D SIM - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source	%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BHJ0739 - EPA 5030 Soil MS

Matrix Spike (BHJ0739-MS1)	Source: 2410260-12			Prepared & Analyzed: 10/18/24							
Acenaphthene	0.0234	0.00500	mg/kg		ND		31-137				
Anthracene	0.0233	0.00500	"		ND		30-120				
Benzo (a) anthracene	0.0221	0.00500	"		ND		30-120				
Benzo (a) pyrene	0.0185	0.00500	"		ND		30-120				
Benzo (b) fluoranthene	0.0187	0.00500	"		ND		30-120				
Benzo (k) fluoranthene	0.0177	0.00500	"		ND		30-120				
Chrysene	0.0224	0.00500	"		ND		30-120				
Dibenz (a,h) anthracene	0.0168	0.00500	"		ND		30-120				
Fluoranthene	0.0228	0.00500	"		ND		30-120				
Fluorene	0.0225	0.00500	"		ND		30-120				
Indeno (1,2,3-cd) pyrene	0.0146	0.00500	"		ND		30-120				
Pyrene	0.0231	0.00500	"		ND		35-142				
1-Methylnaphthalene	0.0222	0.00500	"		ND		15-130				
2-Methylnaphthalene	0.0222	0.00500	"		ND		15-130				
<i>Surrogate: 2-Methylnaphthalene-d10</i>	<i>0.0208</i>	<i>"</i>	<i>"</i>	<i>0.0333</i>		<i>62.3</i>	<i>40-150</i>				
<i>Surrogate: Fluoranthene-d10</i>	<i>0.0227</i>	<i>"</i>	<i>"</i>	<i>0.0333</i>		<i>68.1</i>	<i>40-150</i>				

Matrix Spike Dup (BHJ0739-MSD1)	Source: 2410260-12			Prepared & Analyzed: 10/18/24							
Acenaphthene	0.0210	0.00500	mg/kg		ND		31-137	11.1	30		
Anthracene	0.0247	0.00500	"		ND		30-120	5.67	30		
Benzo (a) anthracene	0.0251	0.00500	"		ND		30-120	12.5	30		
Benzo (a) pyrene	0.0210	0.00500	"		ND		30-120	12.3	30		
Benzo (b) fluoranthene	0.0214	0.00500	"		ND		30-120	13.5	30		
Benzo (k) fluoranthene	0.0201	0.00500	"		ND		30-120	13.0	30		
Chrysene	0.0242	0.00500	"		ND		30-120	7.99	30		
Dibenz (a,h) anthracene	0.0196	0.00500	"		ND		30-120	15.4	30		
Fluoranthene	0.0246	0.00500	"		ND		30-120	7.58	30		
Fluorene	0.0209	0.00500	"		ND		30-120	7.26	30		
Indeno (1,2,3-cd) pyrene	0.0167	0.00500	"		ND		30-120	12.9	30		
Pyrene	0.0253	0.00500	"		ND		35-142	8.91	30		
1-Methylnaphthalene	0.0236	0.00500	"		ND		15-130	5.86	50		
2-Methylnaphthalene	0.0231	0.00500	"		ND		15-130	3.94	50		
<i>Surrogate: 2-Methylnaphthalene-d10</i>	<i>0.0225</i>	<i>"</i>	<i>"</i>	<i>0.0333</i>		<i>67.6</i>	<i>40-150</i>				
<i>Surrogate: Fluoranthene-d10</i>	<i>0.0248</i>	<i>"</i>	<i>"</i>	<i>0.0333</i>		<i>74.3</i>	<i>40-150</i>				

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

Total Metals by EPA 6020B Hot Water Soluble Extraction - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source Result	%REC		RPD		Notes
		Limit	Units			%REC	Limits	RPD	Limit	

Batch BHJ0751 - EPA 3050B

Blank (BHJ0751-BLK1)

Prepared: 10/18/24 Analyzed: 10/23/24

Boron ND 2.00 mg/L

LCS (BHJ0751-BS1)

Prepared: 10/18/24 Analyzed: 10/23/24

Boron 5.15 2.00 mg/L 5.00 103 80-120

Duplicate (BHJ0751-DUP1)

Source: 2410119-01RE1

Prepared: 10/18/24 Analyzed: 10/23/24

Boron 2.81 2.00 mg/L 2.70 3.86 20

Matrix Spike (BHJ0751-MS1)

Source: 2410119-01RE1

Prepared: 10/18/24 Analyzed: 10/23/24

Boron 6.52 2.00 mg/L 4.99 2.70 76.7 75-125

Matrix Spike Dup (BHJ0751-MSD1)

Source: 2410119-01RE1

Prepared: 10/18/24 Analyzed: 10/23/24

Boron 6.34 2.00 mg/L 4.99 2.70 73.1 75-125 2.82 25 QM-05

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
Project Manager: Paul Henchan

Reported:
10/24/24 09:47

Total Metals by EPA 6020B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source	%REC			RPD	Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD		

Batch BHJ0853 - EPA 3050B

Blank (BHJ0853-BLK1)

Prepared: 10/21/24 Analyzed: 10/22/24

Arsenic	ND	0.200	mg/kg wet							
Barium	ND	0.400	"							
Cadmium	ND	0.200	"							
Copper	ND	0.400	"							
Lead	ND	0.200	"							
Nickel	ND	0.400	"							
Silver	ND	0.0200	"							
Zinc	ND	0.400	"							
Selenium	ND	0.260	"							

LCS (BHJ0853-BS1)

Prepared: 10/21/24 Analyzed: 10/22/24

Arsenic	40.3	0.200	mg/kg wet	39.7	101	80-120				
Barium	37.0	0.400	"	39.7	93.2	80-120				
Cadmium	1.94	0.200	"	1.98	97.6	80-120				
Copper	41.1	0.400	"	39.7	104	80-120				
Lead	19.1	0.200	"	19.8	96.0	80-120				
Nickel	40.3	0.400	"	39.7	102	80-120				
Silver	4.42	0.0200	"	1.98	223	80-120				QM-05
Zinc	40.3	0.400	"	39.7	102	80-120				
Selenium	4.46	0.260	"	3.97	112	80-120				

Duplicate (BHJ0853-DUP1)

Source: 2410271-01

Prepared: 10/21/24 Analyzed: 10/22/24

Arsenic	0.913	0.200	mg/kg dry	0.886		3.01	20			
Barium	39.5	0.400	"	39.2		0.748	20			
Cadmium	0.0798	0.200	"	0.0813		1.89	20			
Copper	1.63	0.400	"	1.60		1.94	20			
Lead	8.84	0.200	"	8.77		0.821	20			
Nickel	1.55	0.400	"	1.50		3.24	20			
Silver	0.445	0.0200	"	0.735		49.2	20			QR-02
Zinc	6.42	0.400	"	6.40		0.409	20			
Selenium	ND	0.260	"	ND			20			

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

Total Metals by EPA 6020B - Quality Control
Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD		Notes
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit		

Batch BHJ0853 - EPA 3050B

Matrix Spike (BHJ0853-MS1)

Source: 2410271-01

Prepared: 10/21/24 Analyzed: 10/22/24

Arsenic	18.1	0.200	mg/kg dry	44.3	0.886	38.9	75-125				QM-05
Barium	79.2	0.400	"	44.3	39.2	90.3	75-125				
Cadmium	2.16	0.200	"	2.22	0.0813	93.7	75-125				
Copper	18.8	0.400	"	44.3	1.60	38.9	75-125				QM-05
Lead	28.9	0.200	"	22.2	8.77	90.9	75-125				
Nickel	18.8	0.400	"	44.3	1.50	39.1	75-125				QM-05
Silver	2.57	0.0200	"	2.22	0.735	83.0	75-125				
Zinc	23.8	0.400	"	44.3	6.40	39.3	75-125				QM-05
Selenium	4.59	0.260	"	4.43	ND	104	75-125				

Matrix Spike Dup (BHJ0853-MSD1)

Source: 2410271-01

Prepared: 10/21/24 Analyzed: 10/22/24

Arsenic	16.9	0.200	mg/kg dry	42.2	0.886	38.0	75-125	6.86	25		QM-05
Barium	73.5	0.400	"	42.2	39.2	81.3	75-125	7.44	25		
Cadmium	2.05	0.200	"	2.11	0.0813	93.1	75-125	5.21	25		
Copper	17.7	0.400	"	42.2	1.60	38.2	75-125	6.14	25		QM-05
Lead	29.9	0.200	"	21.1	8.77	100	75-125	3.35	25		
Nickel	17.7	0.400	"	42.2	1.50	38.3	75-125	6.41	25		QM-05
Silver	2.37	0.0200	"	2.11	0.735	77.2	75-125	8.39	25		
Zinc	22.1	0.400	"	42.2	6.40	37.1	75-125	7.62	25		QM-05
Selenium	4.61	0.260	"	4.22	ND	109	75-125	0.400	25		

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

Hexavalent Chromium by EPA Method 7196 - Quality Control
Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BHJ0754 - 3060A Mod

Blank (BHJ0754-BLK1)

Prepared & Analyzed: 10/18/24

Chromium, Hexavalent ND 0.30 mg/kg wet

LCS (BHJ0754-BS1)

Prepared & Analyzed: 10/18/24

Chromium, Hexavalent 26.9 0.30 mg/kg wet 25.0 108 80-120

Duplicate (BHJ0754-DUP1)

Source: 2410271-01

Prepared & Analyzed: 10/18/24

Chromium, Hexavalent ND 0.30 mg/kg dry ND 20

Matrix Spike (BHJ0754-MS1)

Source: 2410271-01

Prepared & Analyzed: 10/18/24

Chromium, Hexavalent 27.9 0.30 mg/kg dry 27.0 ND 103 75-125

Matrix Spike Dup (BHJ0754-MSD1)

Source: 2410271-01

Prepared & Analyzed: 10/18/24

Chromium, Hexavalent 29.9 0.30 mg/kg dry 27.0 ND 111 75-125 6.91 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

Soluble Nutrients by EPA 6020/USDA60 6(2) - Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source Result	%REC		RPD		Notes
		Limit	Units			%REC	Limits	RPD	Limit	

Batch BHJ0782 - General Preparation

Blank (BHJ0782-BLK1)

Prepared: 10/18/24 Analyzed: 10/22/24

Calcium	ND	0.0500	mg/L wet							
Magnesium	ND	0.0500	"							
Sodium	ND	0.0500	"							

LCS (BHJ0782-BS1)

Prepared: 10/18/24 Analyzed: 10/22/24

Calcium	5.73	0.0500	mg/L wet	5.00	115	70-130				
Magnesium	5.32	0.0500	"	5.00	106	70-130				
Sodium	4.87	0.0500	"	5.00	97.3	70-130				

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike	Source	%REC			RPD	Notes
		Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BHJ0762 - General Preparation

Duplicate (BHJ0762-DUP1)

Source: 2410253-01

Prepared & Analyzed: 10/18/24

% Solids	86.4		%		85.8			0.695	20	
----------	------	--	---	--	------	--	--	-------	----	--

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

Specific Conductance by EPA Method 120.1, Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD		Notes
		Limit	Units		Result	%REC	Limits	RPD	Limit		

Batch BHJ0784 - General Preparation

Blank (BHJ0784-BLK1)

Prepared: 10/18/24 Analyzed: 10/21/24

Specific Conductance (EC) ND 0.0100 mmhos/cm

LCS (BHJ0784-BS1)

Prepared: 10/18/24 Analyzed: 10/21/24

Specific Conductance (EC) 0.157 0.0100 mmhos/cm 0.150 105 95-105

Duplicate (BHJ0784-DUP1)

Source: 2410271-01

Prepared: 10/18/24 Analyzed: 10/21/24

Specific Conductance (EC) 0.790 0.0100 mmhos/cm 0.803 1.73 20

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
 PO Box 1289
 Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233
 Project Manager: Paul Henchan

Reported:
 10/24/24 09:47

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike	Source	%REC		RPD		Notes
		Limit	Units	Level	Result	%REC	Limits	RPD	Limit	

Batch BHJ0783 - General Preparation

LCS (BHJ0783-BS1)

Prepared: 10/18/24 Analyzed: 10/21/24

pH	9.14	pH Units	9.18	99.6	95-105
----	------	----------	------	------	--------

Duplicate (BHJ0783-DUP1)

Source: 2410271-01

Prepared: 10/18/24 Analyzed: 10/21/24

pH	7.87	pH Units	7.87	0.00	20
----	------	----------	------	------	----

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Fremont Environmental
PO Box 1289
Wellington CO, 80549

Project: Chevron - SLW Green Vince State BB-18-9 (Flowline)

Project Number: UWRWE-A2470-AES CO24-233

Project Manager: Paul Henchan

Reported:

10/24/24 09:47

Notes and Definitions

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. Sample results were accepted based on LCS and/or LCSD recoveries and/or RPD values.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference