

# Summit Scientific

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4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

May 02, 2025

Paul Henchan  
Fremont Environmental  
PO Box 1289  
Wellington, CO 80549  
RE: PDC - Schmunk EF  
Work Order #2412343

Enclosed are the results of analyses for samples received by Summit Scientific on 12/17/24 09:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Amanda Stilwell". The signature is fluid and cursive, with a large initial "A" and a long, sweeping underline.

Amanda Stilwell For Paul Shrewsbury  
President



Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: PDC - Schmunk EF

Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	2412343-01	Water	12/16/24 00:00	12/17/24 09:00
MW-2	2412343-02	Water	12/16/24 00:00	12/17/24 09:00
MW-3	2412343-03	Water	12/16/24 00:00	12/17/24 09:00
MW-4	2412343-04	Water	12/16/24 00:00	12/17/24 09:00
MW-5	2412343-05	Water	12/16/24 00:00	12/17/24 09:00
MW-6	2412343-06	Water	12/16/24 00:00	12/17/24 09:00
MW-7	2412343-07	Water	12/16/24 00:00	12/17/24 09:00
MW-8	2412343-08	Water	12/16/24 00:00	12/17/24 09:00
MW-9	2412343-09	Water	12/16/24 00:00	12/17/24 09:00
MW-10	2412343-10	Water	12/16/24 00:00	12/17/24 09:00
MW-11	2412343-11	Water	12/16/24 00:00	12/17/24 09:00
MW-12	2412343-12	Water	12/16/24 00:00	12/17/24 09:00
HA-13	2412343-13	Water	12/16/24 00:00	12/17/24 09:00
MW-14	2412343-14	Water	12/16/24 00:00	12/17/24 09:00
MW-15	2412343-15	Water	12/16/24 00:00	12/17/24 09:00
MW-16	2412343-16	Water	12/16/24 00:00	12/17/24 09:00
MW-17	2412343-17	Water	12/16/24 00:00	12/17/24 09:00
MW-18	2412343-18	Water	12/16/24 00:00	12/17/24 09:00
MW-19	2412343-19	Water	12/16/24 00:00	12/17/24 09:00

**Case Narrative**

This revised report has been reissued to denote the holding time exceedance for method 300.0

This is a revision of the report originally sent on 02/03/2025 at 8:26 MT.

Summit Scientific

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Client: Fremont		Send Data To: Project Manager: Paul Henehan		Send Invoice To: Company: PDC	
Address:		E-Mail:		Project Name/Location: Schmutz EF Battery #31	
City/State/Zip:				AFE#:	
Phone: 970 231 2892		Project Name: Schmutz EF PDC		PO/Billing Codes:	
Sampler Name: Mike Gerstner		Project Number: C022-010		Contact: Sheet 7 Paul Henehan	

ID	Sample Description	Date Sampled	Time Sampled	Preservative				Matrix			Analysis Requested			Special Instructions		
				# of containers	HCl W	HNO3	None W	Other	Water	Soil	Air-Canister #	Other	BTE XN TMB1		1MN + 2MN	TDS Cl <sup>-</sup> 504 <sup>+</sup>
1	MW-1	12/16/24		6	W		W						W	W	W	
2	MW-2															
3	MW-3															
4	MW-4															
5	MW-5															
6	MW-6															
7	MW-7															
8	MW-8															
9	MW-9															
10	MW-10															
11	MW-11															
12	MW-12															
13	HA-13															
14	MW-14															
15	MW-15															

Relinquished by: <i>Michael J. Gerstner</i>	Date/Time: 12/16/24 1:20	Received by: <i>[Signature]</i>	Date/Time: 12/17/24 09:00	TAT Business Days	Field DO	Notes: Delivered to Summit as all stored in refrigerator
Relinquished by: SL	Date/Time: 12/17/24 09:00	Received by: <i>[Signature]</i>	Date/Time: 12/17/24 09:00	Same Day	Field EC	
Relinquished by:	Date/Time:	Received by:	Date/Time:	1 Day	Field ORP	
				2 Days	Field pH	
				3 Days	Field Temp.	
Temperature Upon Receipt: 3.1	Corrected Temperature: 8	IR gun #:		Standard	Field Turb. <input checked="" type="checkbox"/>	
					HNO3 lot #:	



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

Lab ID Page 2 of 2  
**2412343-2**

<b>Send Data To:</b>		<b>Send Invoice To:</b>	
Client: Fremont	Project Manager: Paul Henehan	Company: PDC	
Address:	E-Mail:	Project Name/Location: Schunk EF	
City/State/Zip:		AFE#:	
Phone: 970 231 2792	Project Name: Schunk EF PDC	PO/Billing Codes:	
Sampler Name: Mike Gristner	Project Number: C032-00	Contact: check w/ Paul Henehan	

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested			Special Instructions	
					HCl	HNO3	None	Other	Water	Soil	Air-Canister #	Other	BTEX TMS	1 MW & 2 AN		TDS SUP CI
1	MW-16	12/16/24		6	X		X						X	X	X	
2	MW-17	↓		6	X		X						X	X	X	
3	MW-18			3	X								X	X	X	
4	MW-19			6	X		X						X	X	X	
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																

Relinquished by: <i>[Signature]</i>	Date/Time: 12/16/24 1:20	Received by: <i>[Signature]</i>	Date/Time: 12/24 0900	TAT Business Days		Field DO	<b>Notes:</b> Delivered to Summit MW 16 @ 1720 on 12/16 & left in refrigerator
				Same Day		Field EC	
1 Day		Field ORP					
2 Days		Field pH					
3 Days		Field Temp.					
Standard	<input checked="" type="checkbox"/>	Field Turb.					
Temperature Upon Receipt: 3.1	Corrected Temperature: 6	IR gun #: 1	HNO3 lot #:				

S<sub>2</sub>

2/2  
Sample Receipt Checklist

S2 Work Order# 2412343

Client: Fremont Client Project ID: Schmunk EF POC

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? <sup>(1)</sup> NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	-			OK
If custody seals are present, are they intact? <sup>(1)</sup>	-			
Are samples due within 48 hours present?		-		
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe <sup>2+</sup> ), Hexavalent Chromium (Cr <sup>6+</sup> , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen		-		
Is a chain-of-custody (COC) form present and filled out Completely? <sup>(1)</sup>		-		
Is the COC properly relinquished by the client w/ date and time recorded? <sup>(1)</sup>		-		No Times
Were all samples received intact? <sup>(1)</sup>	X			
Was adequate sample volume provided? <sup>(1)</sup>		X		no amber or poly bottles for MW-18*
Does the COC agree with the number and type of sample bottles received? <sup>(1)</sup>	X			
Do the sample IDs on the bottle labels match the COC? <sup>(1)</sup>	X			
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.		X		
Are samples preserved that require preservation (excluding cooling)? <sup>(1)</sup> Note the type of preservative in the comments column – HCl, H <sub>2</sub> SO <sub>4</sub> , NaOH, HNO <sub>3</sub> , etc.	X			HCl
If samples are acid preserved for metals, is the pH ≤ 2? <sup>(1)</sup> Record the pH in Comments.			X	
If dissolved metals are requested, were samples field filtered?			X	

Additional Comments (if any):  
\* we can only run 8260 for MW18

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

Natalie Tessier  
Custodian Printed Name

12/17/24 09:00  
Date/Time

000002



Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-1**  
**2412343-01 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/20/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.0	113 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.8	95.8 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.1	98.6 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/30/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.59	79.4 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.66	82.8 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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 PO Box 1289  
 Wellington CO, 80549

Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-1**  
**2412343-01 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	<b>110</b>	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	<b>2340</b>	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Dissolved Solids</b>	<b>2980</b>	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Wellington CO, 80549

Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-2**  
**2412343-02 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/20/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.4	116 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.0	97.4 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.4	100 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/30/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.71	85.7 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.77	88.3 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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 Wellington CO, 80549

Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-2**  
**2412343-02 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	111	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	2270	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	2960	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Wellington CO, 80549

Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-3**  
**2412343-03 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/20/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.6	117 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.0	97.4 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.8	95.6 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.61	80.5 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.81	90.3 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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Project: PDC - Schmunk EF  
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 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-3**  
**2412343-03 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	93.5	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	2020	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	2660	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-4**  
**2412343-04 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/20/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.6	117 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.0	97.9 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.0	97.5 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.56	77.8 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.50	74.9 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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 PO Box 1289  
 Wellington CO, 80549

Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-4**  
**2412343-04 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	<b>105</b>	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	<b>2250</b>	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Dissolved Solids</b>	<b>2880</b>	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-5**  
**2412343-05 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/20/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	16.1	121 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.9	97.1 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.8	96.2 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.25	62.7 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.32	66.0 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

Summit Scientific

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-5**  
**2412343-05 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	<b>104</b>	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	<b>2040</b>	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Dissolved Solids</b>	<b>2740</b>	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

Summit Scientific

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Wellington CO, 80549

Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-6**  
**2412343-06 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/20/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.9	119 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.7	95.6 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.0	97.9 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.84	92.1 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.93	96.5 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-6**  
**2412343-06 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	<b>100</b>	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	<b>2090</b>	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Dissolved Solids</b>	<b>2780</b>	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-7**  
**2412343-07 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/20/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.9	119 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.9	96.8 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.7	95.6 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.46	73.1 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.47	73.7 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-7**  
**2412343-07 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	<b>130</b>	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	<b>2300</b>	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Dissolved Solids</b>	<b>3220</b>	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Wellington CO, 80549

Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-8**  
**2412343-08 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Benzene</b>	<b>15</b>	1.0	ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>2.3</b>	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
<b>Naphthalene</b>	<b>1.6</b>	1.0	"	"	"	"	"	"	
<b>1,2,4-Trimethylbenzene</b>	<b>1.4</b>	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 1,2-Dichloroethane-d4	15.2	114 %	23-173		"	"	"	"	
Surrogate: Toluene-d8	13.0	97.4 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.4	100 %	21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1-Methylnaphthalene	ND	0.500	ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500	"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Surrogate: 2-Methylnaphthalene-d10	1.13	56.5 %	40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.22	61.2 %	40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
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**MW-8**  
**2412343-08 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	152	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	2550	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	2990	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-9**  
**2412343-09 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.7	118 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.8	96.2 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.2	98.9 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.49	74.6 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.58	78.8 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-9**  
**2412343-09 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	111	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	2730	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	3580	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Wellington CO, 80549

Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-10**  
**2412343-10 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.6	117 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.1	98.5 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.2	99.4 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.67	83.4 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.72	85.9 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-10**  
**2412343-10 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	123	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	2740	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	3490	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-11**  
**2412343-11 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.4	115 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.9	96.9 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	12.6	94.8 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.77	88.7 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.92	96.0 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-11**  
**2412343-11 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	131	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	2880	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	3680	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

Summit Scientific

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Fremont Environmental  
PO Box 1289  
Wellington CO, 80549

Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-12**  
**2412343-12 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.5	116 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.8	96.0 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.4	100 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.66	83.1 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.80	90.0 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

Summit Scientific

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 PO Box 1289  
 Wellington CO, 80549

Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-12**  
**2412343-12 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	92.8	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	1820	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	2460	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

Summit Scientific

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Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**HA-13**  
**2412343-13 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.5	116 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.0	97.8 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.3	99.8 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.68	84.1 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.76	88.2 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**HA-13**  
**2412343-13 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Chloride	61.8	0.0600		mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	1390	0.300		"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Total Dissolved Solids	2030	10.0		mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-14**  
**2412343-14 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.6	117 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.0	97.7 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.4	100 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.53	76.5 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.63	81.4 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-14**  
**2412343-14 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	<b>114</b>	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	<b>1850</b>	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Dissolved Solids</b>	<b>2750</b>	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-15**  
**2412343-15 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.7	118 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.8	95.9 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.2	99.2 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.59	79.7 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.73	86.5 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-15**  
**2412343-15 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	96.6	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	2100	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	2770	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

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Wellington CO, 80549

Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-16**  
**2412343-16 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.4	115 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.8	96.2 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.4	101 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.54	77.0 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.71	85.6 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-16**  
**2412343-16 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	97.6	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	1340	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Total Dissolved Solids	2220	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

Summit Scientific

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Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-17**  
**2412343-17 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.4	115 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.9	96.7 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.6	102 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.85	92.7 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	2.12	106 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

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Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-17**  
**2412343-17 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	<b>84.2</b>	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	<b>1150</b>	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Dissolved Solids</b>	<b>1940</b>	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

Summit Scientific

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Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-18**  
**2412343-18 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.2	114 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	13.0	97.9 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.2	98.6 %		21-167		"	"	"	"	

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Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

**MW-19**  
**2412343-19 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BHL1053	12/20/24	12/21/24	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4	15.4	116 %		23-173		"	"	"	"	
Surrogate: Toluene-d8	12.9	96.8 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene	13.2	99.2 %		21-167		"	"	"	"	

**PAH by EPA Method 8270D SIM**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
1-Methylnaphthalene	ND	0.500		ug/l	1	BHL1226	12/27/24	12/31/24	EPA 8270D SIM	
2-Methylnaphthalene	ND	0.500		"	"	"	"	"	"	

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 2-Methylnaphthalene-d10	1.42	70.8 %		40-140		"	"	"	"	
Surrogate: Fluoranthene-d10	1.56	77.8 %		40-140		"	"	"	"	

**Anions by EPA Method 300.0**

Summit Scientific

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Fremont Environmental  
 PO Box 1289  
 Wellington CO, 80549

Project: PDC - Schmunk EF  
 Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**MW-19**  
**2412343-19 (Water)**

**Summit Scientific**

**Anions by EPA Method 300.0**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloride	<b>107</b>	0.0600	mg/L	50	BIA0544	01/12/25	01/23/25	EPA 300.0	I-02
Sulfate	<b>1870</b>	0.300	"	"	"	"	"	"	I-02

**Total Dissolved Solids by SM2540C**

Date Sampled: **12/16/24 00:00**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Total Dissolved Solids</b>	<b>2620</b>	10.0	mg/L	1	BHL0967	12/19/24	12/20/24	SM2540C	

Summit Scientific

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Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
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### Volatile Organic Compounds by EPA Method 8260B - Quality Control

#### Summit Scientific

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

#### Batch BHL1053 - EPA 5030 Water MS

##### Blank (BHL1053-BLK1)

Prepared & Analyzed: 12/20/24

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	2.0	"								
Naphthalene	ND	1.0	"								
1,2,4-Trimethylbenzene	ND	1.0	"								
1,3,5-Trimethylbenzene	ND	1.0	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	14.6		"	13.3		109		23-173			
<i>Surrogate: Toluene-d8</i>	12.9		"	13.3		96.5		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	12.9		"	13.3		97.0		21-167			

##### LCS (BHL1053-BS1)

Prepared & Analyzed: 12/20/24

Benzene	31.6	1.0	ug/l	33.3		94.8		51-132			
Toluene	32.0	1.0	"	33.3		96.0		51-138			
Ethylbenzene	36.1	1.0	"	33.3		108		58-146			
m,p-Xylene	70.0	2.0	"	66.7		105		57-144			
o-Xylene	34.0	1.0	"	33.3		102		53-146			
Naphthalene	35.7	1.0	"	33.3		107		70-130			
1,2,4-Trimethylbenzene	35.3	1.0	"	33.3		106		70-130			
1,3,5-Trimethylbenzene	35.3	1.0	"	33.3		106		70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	14.9		"	13.3		112		23-173			
<i>Surrogate: Toluene-d8</i>	12.8		"	13.3		96.4		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	13.3		"	13.3		100		21-167			

##### LCS Dup (BHL1053-BS1)

Prepared & Analyzed: 12/20/24

Benzene	31.2	1.0	ug/l	33.3		93.6		51-132	1.27	20	
Toluene	32.0	1.0	"	33.3		95.9		51-138	0.125	20	
Ethylbenzene	35.0	1.0	"	33.3		105		58-146	3.24	20	
m,p-Xylene	67.9	2.0	"	66.7		102		57-144	3.09	20	
o-Xylene	33.0	1.0	"	33.3		99.0		53-146	2.90	20	
Naphthalene	36.5	1.0	"	33.3		110		70-130	2.19	20	
1,2,4-Trimethylbenzene	34.6	1.0	"	33.3		104		70-130	2.20	20	
1,3,5-Trimethylbenzene	34.6	1.0	"	33.3		104		70-130	2.23	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	15.0		"	13.3		112		23-173			
<i>Surrogate: Toluene-d8</i>	12.9		"	13.3		96.6		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	13.2		"	13.3		99.2		21-167			

Summit Scientific

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**PAH by EPA Method 8270D SIM - Quality Control**  
**Summit Scientific**

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

**Batch BHL1226 - EPA 5030 Water MS**

**Blank (BHL1226-BLK1)**

Prepared: 12/27/24 Analyzed: 12/30/24

1-Methylnaphthalene	ND	0.500	ug/l							
2-Methylnaphthalene	ND	0.500	"							
Surrogate: 2-Methylnaphthalene-d10	1.50		"	2.00		75.2	40-140			
Surrogate: Fluoranthene-d10	1.69		"	2.00		84.7	40-140			

**LCS (BHL1226-BS1)**

Prepared: 12/27/24 Analyzed: 12/30/24

1-Methylnaphthalene	1.46	0.500	ug/l	2.00		73.2	40-140			
2-Methylnaphthalene	1.45	0.500	"	2.00		72.4	40-140			
Surrogate: 2-Methylnaphthalene-d10	1.46		"	2.00		72.8	40-140			
Surrogate: Fluoranthene-d10	1.68		"	2.00		83.9	40-140			

**LCS Dup (BHL1226-BSD1)**

Prepared: 12/27/24 Analyzed: 12/30/24

1-Methylnaphthalene	1.74	0.500	ug/l	2.00		87.2	40-140	17.4	30	
2-Methylnaphthalene	1.71	0.500	"	2.00		85.4	40-140	16.5	30	
Surrogate: 2-Methylnaphthalene-d10	1.73		"	2.00		86.5	40-140			
Surrogate: Fluoranthene-d10	1.94		"	2.00		97.1	40-140			

Summit Scientific

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 Project Manager: Paul Henchan

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**Anions by EPA Method 300.0 - Quality Control**  
**Summit Scientific**

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

**Batch BIA0544 - General Preparation**

**Blank (BIA0544-BLK1)**

Prepared: 01/12/25 Analyzed: 01/23/25

Chloride	ND	0.0600	mg/L						
Sulfate	ND	0.300	"						

**LCS (BIA0544-BS1)**

Prepared: 01/12/25 Analyzed: 01/23/25

Chloride	2.96	0.0600	mg/L	3.00	110	98.8	90-110		
Sulfate	15.0	0.300	"	15.0	2340	99.9	90-110		

**Duplicate (BIA0544-DUP1)**

Source: 2412343-01

Prepared: 01/12/25 Analyzed: 01/23/25

Chloride	113	0.0600	mg/L	110	110			2.24	20
Sulfate	2380	0.300	"	2340	2340			1.98	20

**Matrix Spike (BIA0544-MS1)**

Source: 2412343-01

Prepared: 01/12/25 Analyzed: 01/23/25

Chloride	264	0.0600	mg/L	150	110	102	80-120		
Sulfate	3150	0.300	"	750	2340	109	80-120		

Summit Scientific

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Project Number: C022-010  
 Project Manager: Paul Henchan

**Reported:**  
 05/02/25 15:57

**Total Dissolved Solids by SM2540C - Quality Control**  
**Summit Scientific**

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

**Batch BHL0967 - General Preparation**

**Blank (BHL0967-BLK1)**

Prepared: 12/19/24 Analyzed: 12/20/24

Total Dissolved Solids                      ND                      10.0                      mg/L

**Duplicate (BHL0967-DUP1)**

**Source: 2412339-13**

Prepared: 12/19/24 Analyzed: 12/20/24

Total Dissolved Solids                      1540                      10.0                      mg/L                      1480                      4.05                      20

Summit Scientific

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Project: PDC - Schmunk EF  
Project Number: C022-010  
Project Manager: Paul Henchan

**Reported:**  
05/02/25 15:57

### Notes and Definitions

I-02 Sample was prepared and/or analyzed outside of holding time.

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