

FREMONT ENVIRONMENTAL INC.

January 10, 2022

Mr. Jason Davidson
Great Western Operating Company, LLC
1001 17th Street, Suite 2000
Denver, CO 80202

Subject: **Groundwater Data and No Further Action Submittal**
Schneider 179HNX Flow Line Release
API # 05-123-46402
NWSW Sec 7, T4N, R66W
Weld County, Colorado
Fremont Project No. C021-021
Remediation #17320

Dear Mr. Davidson:

Enclosed please find a copy of the above referenced Groundwater Data Submittal for the Schneider 179HNX Flow Line site in Weld County, Colorado. The enclosed data describes groundwater quality at the site during the recent quarterly sampling event.

Since groundwater concentrations in the site's monitoring wells have achieved four consecutive quarters of COGCC-compliant concentrations, Great Western should request a No Further Action (NFA) determination be provided by COGCC.

Please contact me at (303) 956-8714 if you require any additional information.

Fremont appreciates the opportunity to provide this service.

Sincerely,
FREMONT ENVIRONMENTAL INC.



Paul V. Henahan, P.E.
Senior Consultant

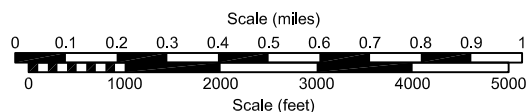
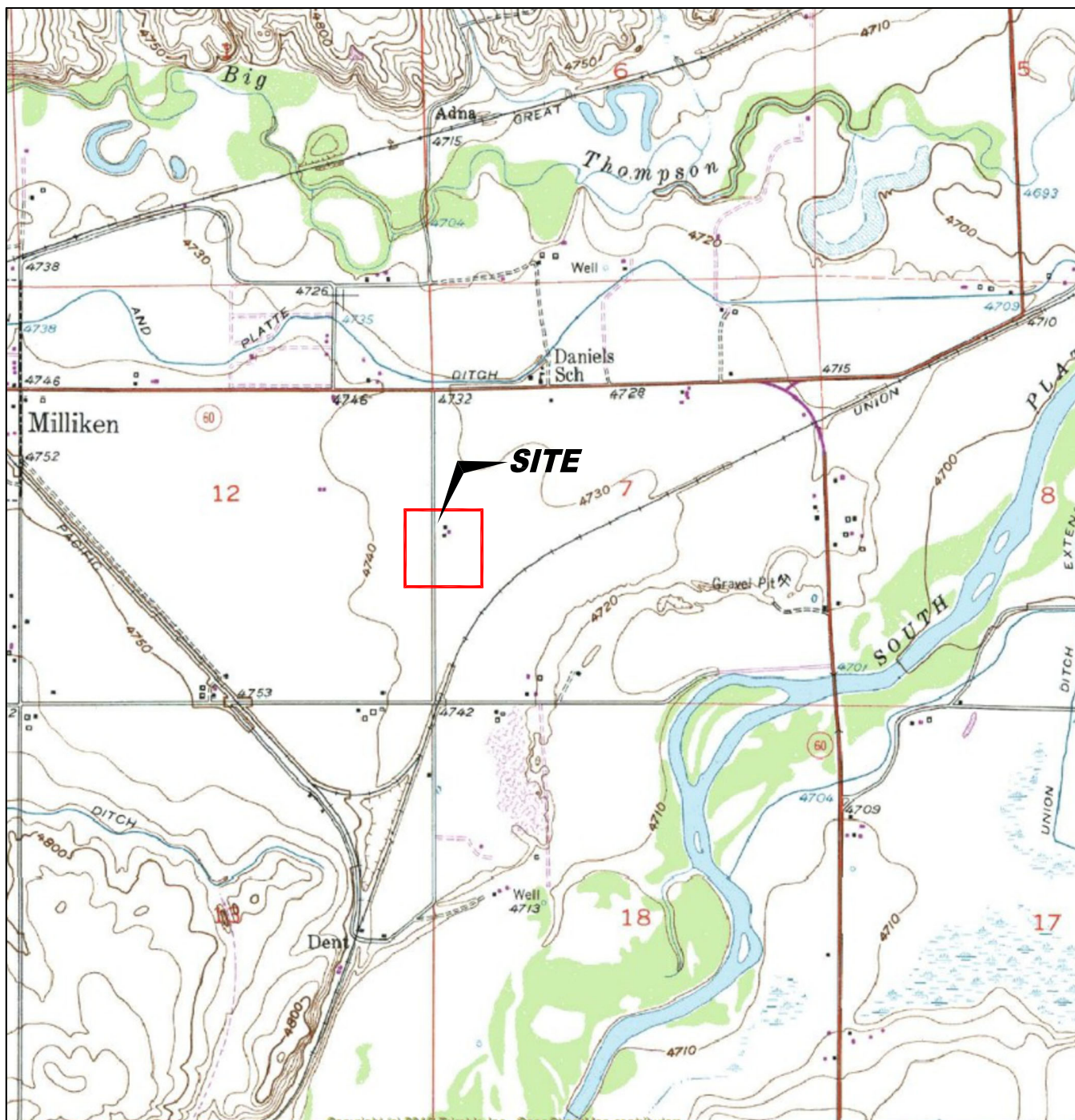
Attachments

TABLE 1
SUMMARY OF ORGANIC GROUNDWATER CHEMISTRY DATA
GREAT WESTERN OPERATING COMPANY
SCHNEIDER 179 HNX, WELD COUNTY, COLORADO
FREMONT PROJECT NO. C021-021

SAMPLE LOCATION	DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL BENZENE (µg/L)	TOTAL XYLENES (µg/L)	NAPH-THALENE (µg/L)	1,2,4 TMB (µg/L)	1,3,5 TMB (µg/L)	TOC ELEV (FT)	DTW (FT)	GW ELEV (FT)	LNAPL (FT)
MW-1	03/27/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	100.00	18.93	81.07	NP
	06/23/21	<1.0	<1.0	<1.0	2.46	<4.0	<1.0	<1.0		18.21	81.79	NP
	09/17/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		15.73	84.27	NP
	12/28/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		17.53	82.47	NP
MW-2	03/27/21	<1.0	<1.0	<1.0	6.05	<4.0	<1.0	1.07	99.67	18.74	80.93	NP
	06/23/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		18.04	81.63	NP
	09/17/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		15.56	84.11	NP
	12/28/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		17.32	82.35	NP
MW-3	03/27/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	99.80	18.78	81.02	NP
	06/23/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		18.05	81.75	NP
	09/17/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		15.58	84.22	NP
	12/28/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		17.33	82.47	NP
MW-4	03/27/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	99.62	18.39	81.23	NP
	06/23/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		17.64	81.98	NP
	09/17/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		15.23	84.39	NP
	12/28/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		16.99	82.63	NP
MW-5	03/27/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	99.73	18.38	81.35	NP
	06/23/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		17.62	82.11	NP
	09/17/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		15.22	84.51	NP
	12/28/21	<1.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0		16.99	82.74	NP
Table 915-1 Limits		5	560	700	1,400	140	67	67				

Bold face values exceed the COGCC limits

NP - No Free Product



USGS 7.5 MINUTE SERIES (TOPOGRAPHIC)

Figure 1
SITE LOCATION MAP

Great Western Operating Company
SCHNEIDER 179 HNX (Flowline Release)
NWSW Sec. 7, T4S, R66W 6th PM
Weld County, Colorado

Project #
C021-024

Prepared By

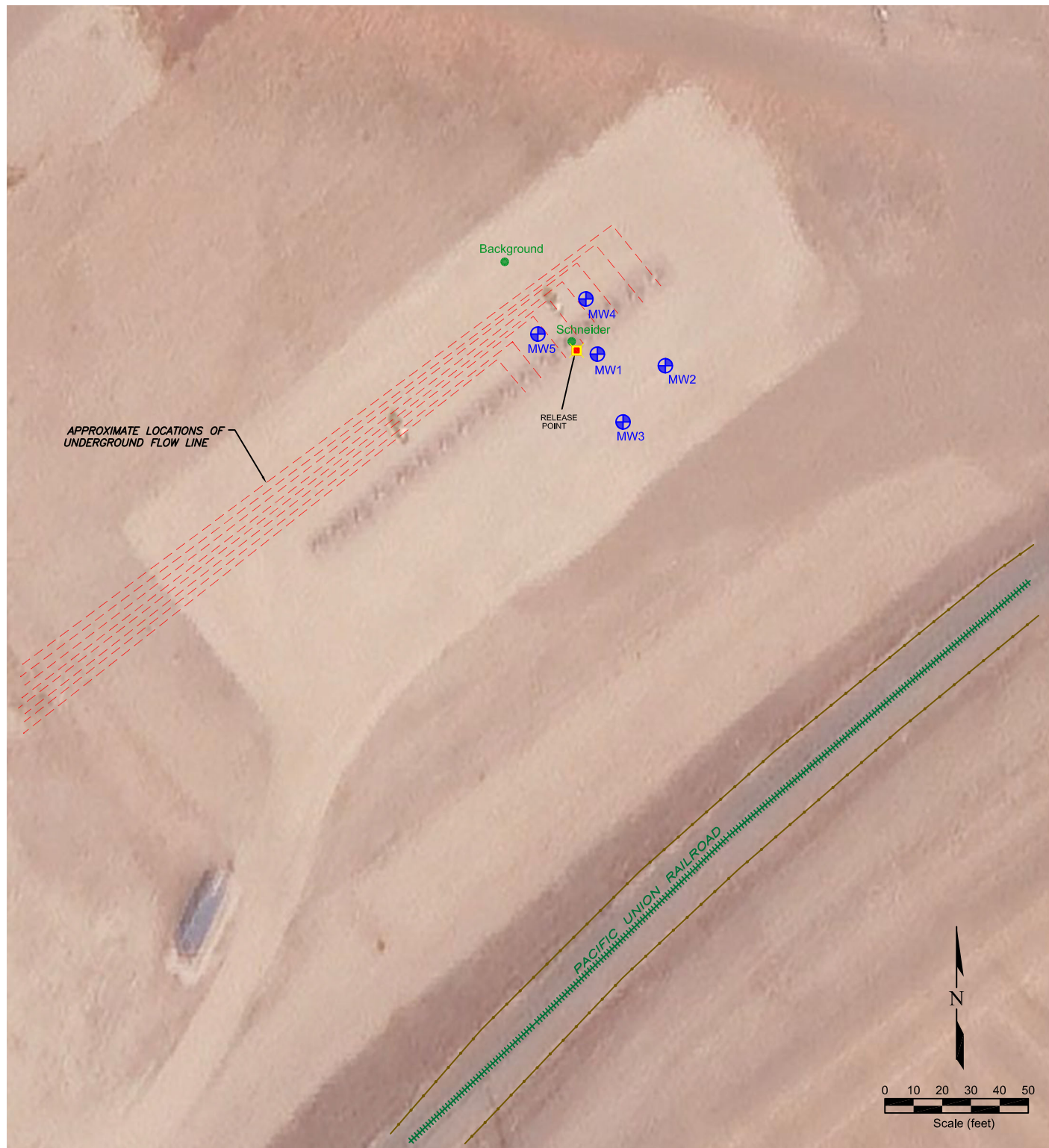
Drawn By
TA

Date
1/10/22

Reviewed By
PH

Filename
21024T





LEGEND

- SOIL BORING LOCATION
- ⊕ MONITORING WELL LOCATION
- RELEASE POINT
- UNDERGROUND FLOW LINE
- + + + + + RAILROAD TRACKS
- · — · — FENCE LINE

Figure 2
SITE MAP

Great Western Operating Company
SCHNEIDER 179 HNX (Flowline Release)
 NWSW Sec. 7, T4S, R66W 6th PM
 Weld County, Colorado

Project No.
C021-024

Prepared By

Drawn By
TA

Date
1/10/22

Reviewed By
PH

Filename
21024QG





LEGEND

- SOIL BORING LOCATION
- ⊕ MONITORING WELL LOCATION
- RELEASE POINT
- UNDERGROUND FLOW LINE
- + + + + + RAILROAD TRACKS
- FENCE LINE
- (81.07) GROUND WATER ELEVATION (ft above arbitrary datum)
- 84.00 WATER TABLE CONTOUR
- GROUND WATER FLOW DIRECTION

Figure 3
INFERRED GROUNDWATER CONTOUR MAP
 December 28, 2021
Great Western Operating Company
SCHNEIDER 179 HNX (Flowline Release)
 NWSW Sec. 7, T4S, R66W 6th PM
 Weld County, Colorado

Project No.
C021-024

Prepared By

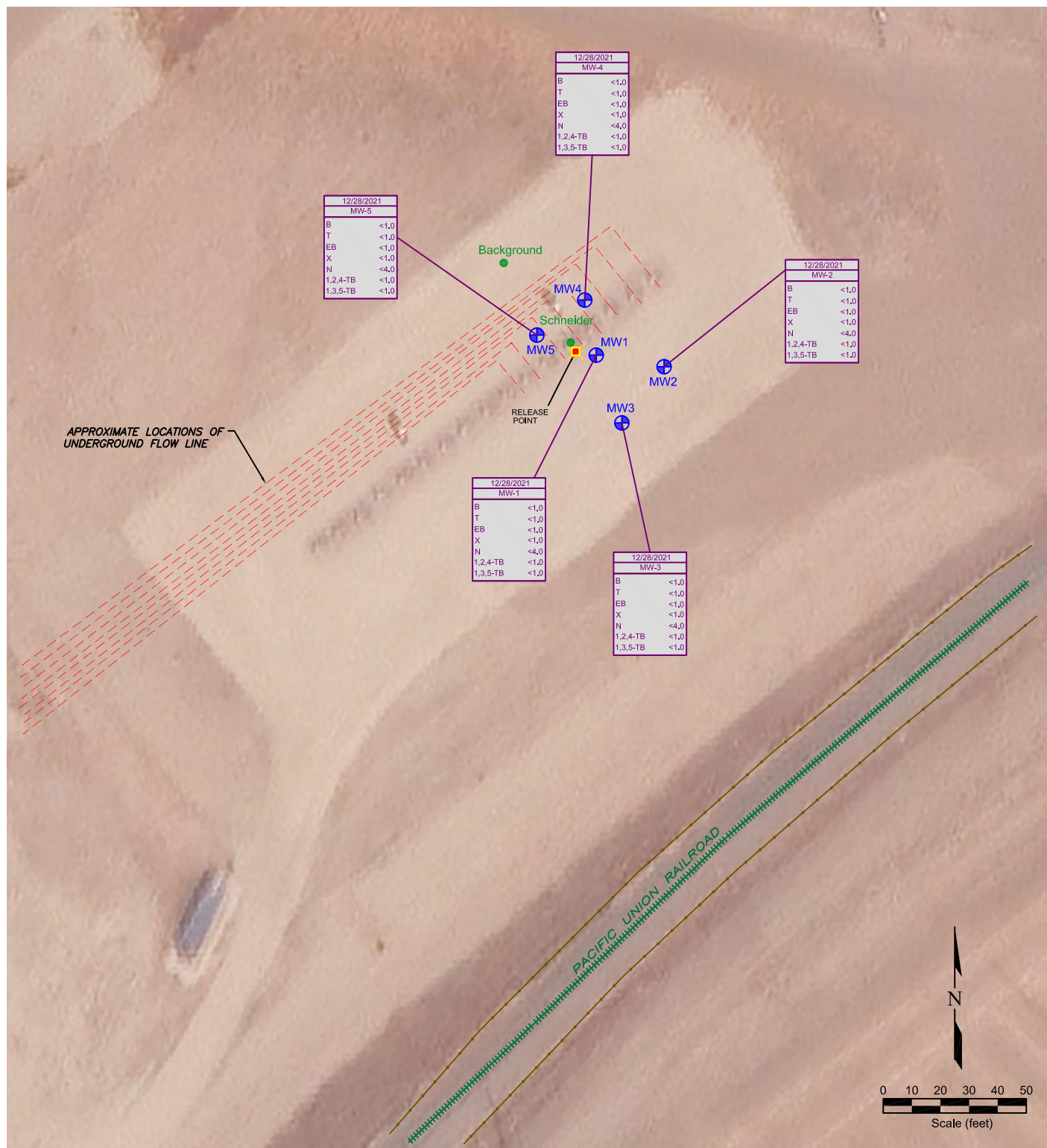
Drawn By
TA

Date
1/10/22

Reviewed By
PH

Filename
21024QG





LEGEND

- SOIL BORING LOCATION
- ⊕ MONITORING WELL LOCATION
- RELEASE POINT
- - - - - UNDERGROUND FLOW LINE
- +++++ RAILROAD TRACKS
- ===== FENCE LINE

12/28/2021	DATE SAMPLED
MW-1	SAMPLE ID
B	BENZENE (ug/L)
T	TOLUENE (ug/L)
EB	ETHYLBENZENE (ug/L)
X	TOTAL XYLENES (ug/L)
N	NAPHTHALENE (ug/L)
1,2,4-TB	1,2,4-TRIMETHYLBENZENE (ug/L)
1,3,5-TB	1,3,5-TRIMETHYLBENZENE (ug/L)

Figure 4
GROUNDWATER CHEMISTRY MAP
December 28, 2021
Great Western Operating Company
SCHNEIDER 179 HNX (Flowline Release)
 NWSW Sec. 7, T4S, R66W 6th PM
 Weld County, Colorado

Project No.
C021-024

Prepared By

Drawn By
TA

Date
1/10/22

Reviewed By
PH

Filename
21024QG





January 05, 2022

Fremont Environmental

Paul Henehan

8305 6th St, PO Box 1289

Wellington CO 80549

Project Name - GWOC - Schneider 179 HNX

Project Number - CO21-021

Attached are your analytical results for GWOC - Schneider 179 HNX received by Origins Laboratory, Inc. December 29, 2021. This project is associated with Origins project number Y112641-01.

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

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

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

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

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

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



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

Fremont Environmental

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: CO21-021

Project: GWOC - Schneider 179 HNX

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	Y112641-01	Water	December 28, 2021 0:00	12/29/2021 11:15
MW-2	Y112641-02	Water	December 28, 2021 0:00	12/29/2021 11:15
MW-3	Y112641-03	Water	December 28, 2021 0:00	12/29/2021 11:15
MW-4	Y112641-04	Water	December 28, 2021 0:00	12/29/2021 11:15
MW-5	Y112641-05	Water	December 28, 2021 0:00	12/29/2021 11:15

Origins Laboratory, Inc.



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.

Paul Henehan
Project Number: CO21-021
Project: GWOC - Schneider 179 HNX

ORIGINS

LABORATORY, INC

www.originslaboratory.com

page 1 of 1

1112641

Project Manager: Henehan

Project Name: GIVOL-SCHNEIDER 179 HANX

Project Number: C021-021

Samples Collected By: HENEHAN

Client: Fremont Environmental Inc.

Address:

Telephone Number:

Email Address:

Fax: 303.265.9645

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative					Matrix			Analysis					Sample Instructions				
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa Canister	Other	GBTEXN+TMBs	DRO/ORO	PATs	PH, EC, SAR	Boron		915 metals	Arsenic	RTXN+TMBs	TDS, Cl, SO ₄
NW-1	12/23/21		3	✓				✓									✓		1		
NW-2																			2		
NW-3																			3		
NW-4																			4		
NW-5																			5		
																			6		
																			7		
																			8		
																			9		
																			10		
Relinquished By: <i>[Signature]</i>	Date: 12/29/21	Time: 11:55	Received By: <i>[Signature]</i>	Date: 12/29/21	Time: 11:55	Turnaround Time: Same Day <input checked="" type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/>	Standard <input checked="" type="checkbox"/>														
Relinquished By:	Date:	Time:	Received By:	Date:	Time:																

Date Results Needed

Origins Laboratory, Inc.

Intent

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

8305 6th St, PO Box 1289

Wellington CO 80549

Paul Henehan

Project Number: CO21-021

Project: GWOC - Schneider 179 HNX

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: 4112641

Client: Fremont

Client Project ID: GWOC-Schneider 179

Checklist Completed by: 411

Shipped Via: 110

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

Date/time completed: 12/22/21

Airbill #: N/A

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

Cooler Number/Temperature: 1 10.1 °C / °C / °C (Describe)

Thermometer ID: 1003

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

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

Reviewed by (Project Manager) jm

1230-21
Date/Time Reviewed

Origins Laboratory, Inc.

Jordan A. Merrill

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
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: CO21-021
Project: GWOC - Schneider 179 HNX

MW-1

12/28/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y112641-01 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B1L2910	JMA	12/29/2021	12/30/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	4.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	121 %	70-130	"	"	"
Surrogate: Toluene-d8	100 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	99.7 %	70-130	"	"	"

Origins Laboratory, Inc.



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
8305 6th St, PO Box 1289
Wellington CO 80549

Paul Henehan
Project Number: CO21-021
Project: GWOC - Schneider 179 HNX

MW-2

12/28/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y112641-02 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B1L2910	JMA	12/29/2021	12/31/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	4.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	121 %	70-130	"	"	"
Surrogate: Toluene-d8	99.7 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Origins Laboratory, Inc.



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

Paul Henehan
Project Number: CO21-021
Project: GWOC - Schneider 179 HNX

MW-3

12/28/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y112641-03 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B1L2910	JMA	12/29/2021	12/31/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	4.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	119 %	70-130	"	"	"
Surrogate: Toluene-d8	98.3 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Origins Laboratory, Inc.



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

Paul Henehan
Project Number: CO21-021
Project: GWOC - Schneider 179 HNX

MW-4

12/28/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y112641-04 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B1L2910	JMA	12/29/2021	12/31/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	4.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	118 %	70-130	"	"	"
Surrogate: Toluene-d8	99.3 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	102 %	70-130	"	"	"

Origins Laboratory, Inc.



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

Paul Henehan
Project Number: CO21-021
Project: GWOC - Schneider 179 HNX

MW-5

12/28/2021 12:00:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyst	Prepared	Analyzed	Notes
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Origins Laboratory, Inc. Y112641-05 (Water)

BTEX+N+TMBs by 8260D

1,2,4-Trimethylbenzene	ND	1.00	ug/L	1	B1L2910	JMA	12/29/2021	12/31/2021	U
1,3,5-Trimethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Benzene	ND	1.00	"	"	"	JMA	"	"	U
Ethylbenzene	ND	1.00	"	"	"	JMA	"	"	U
Naphthalene	ND	4.00	"	"	"	JMA	"	"	U
Toluene	ND	1.00	"	"	"	JMA	"	"	U
Xylenes, total	ND	1.00	"	"	"	JMA	"	"	U

Surrogate: 1,2-Dichloroethane-d4	120 %	70-130	"	"	"
Surrogate: Toluene-d8	99.4 %	70-130	"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	70-130	"	"	"

Origins Laboratory, Inc.



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

Paul Henehan
Project Number: CO21-021
Project: GWOC - Schneider 179 HNX

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1L2910 - EPA 5030B (Water)										
Blank (B1L2910-BLK1)					Prepared: 12/29/2021 Analyzed: 12/30/2021					
1,2,4-Trimethylbenzene	ND	1.00	ug/L							U
1,3,5-Trimethylbenzene	ND	1.00	"							U
Benzene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Naphthalene	ND	4.00	"							U
Toluene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	73		"	62.5		117	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		100	70-130			

Origins Laboratory, Inc.



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

Paul Henehan
Project Number: CO21-021
Project: GWOC - Schneider 179 HNX

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1L2910 - EPA 5030B (Water)										
LCS (B1L2910-BS1)					Prepared: 12/29/2021 Analyzed: 12/30/2021					
1,2,4-Trimethylbenzene	53.3	1.00	ug/L	50.0		107	70-130			
1,3,5-Trimethylbenzene	54.0	1.00	"	50.0		108	70-130			
Benzene	54.1	1.00	"	50.0		108	70-130			
Ethylbenzene	53.7	1.00	"	50.0		107	70-130			
m,p-Xylene	108	2.00	"	100		108	70-130			
Naphthalene	53.6	4.00	"	50.0		107	70-130			
o-Xylene	53.1	1.00	"	50.0		106	70-130			
Toluene	54.0	1.00	"	50.0		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	69		"	62.5		111	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		101	70-130			

Origins Laboratory, Inc.



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

Paul Henehan
Project Number: CO21-021
Project: GWOC - Schneider 179 HNX

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1L2910 - EPA 5030B (Water)										
Matrix Spike (B1L2910-MS1)										
		Source: Y112627-01								
1,2,4-Trimethylbenzene	63.5	1.00	ug/L	50.0	ND	127	70-130			
1,3,5-Trimethylbenzene	64.4	1.00	"	50.0	ND	129	70-130			
Benzene	62.6	1.00	"	50.0	ND	125	70-130			
Ethylbenzene	63.2	1.00	"	50.0	ND	126	70-130			
m,p-Xylene	126	2.00	"	100	ND	126	70-130			
Naphthalene	50.2	4.00	"	50.0	0.500	99.4	70-130			
o-Xylene	61.1	1.00	"	50.0	ND	122	70-130			
Toluene	63.3	1.00	"	50.0	ND	127	70-130			
Surrogate: 1,2-Dichloroethane-d4	69		"	62.5		111	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		100	70-130			

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Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B1L2910 - EPA 5030B (Water)										
Matrix Spike Dup (B1L2910-MSD1)	Source: Y112627-01				Prepared: 12/29/2021 Analyzed: 12/30/2021					
1,2,4-Trimethylbenzene	61.1	1.00	ug/L	50.0	ND	122	70-130	3.87	20	
1,3,5-Trimethylbenzene	61.4	1.00	"	50.0	ND	123	70-130	4.75	20	
Benzene	60.9	1.00	"	50.0	ND	122	70-130	2.71	20	
Ethylbenzene	62.0	1.00	"	50.0	ND	124	70-130	2.01	20	
m,p-Xylene	125	2.00	"	100	ND	125	70-130	1.23	20	
Naphthalene	55.6	4.00	"	50.0	0.500	110	70-130	10.2	20	
o-Xylene	59.8	1.00	"	50.0	ND	120	70-130	2.17	20	
Toluene	61.7	1.00	"	50.0	ND	123	70-130	2.53	20	
Surrogate: 1,2-Dichloroethane-d4	70		"	62.5		111	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		102	70-130			

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Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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