

SITE INFORMATION

Amended Closure Report
ABO Plant W. Inlet & Abo Plant W. Inlet 2
Incident #(s): nAPP2207742550 & nAPP2218749539
Eddy County, New Mexico
Unit D Sec 10 T18S R27E
32.768683°, -104.272269°

Condensate Release

Point of Release: 12" Power seal Clamp Release Date: 02/24/2022 & 07/01/2022

Volume Released: 9 barrels of Condensate (02/24/2022) Volume Recovered: 0 barrels of Condensate (02/24/2022) Volume Released: 24 barrels of Condensate (07/01/2022) Volume Recovered: 0 barrels of Condensate (07/01/2022)

CARMONA RESOURCES



Prepared by: Carmona Resources, LLC 310 West Wall Street Suite 500 Midland, Texas 79701



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- 3.0 NMAC REGULATORY CRITERIA
- 4.0 REMEDIATION ACTIVITIES
- **5.0 CONCLUSIONS**

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APPENDIX E GROUNDWATER RESEARCH

APPENDIX F ORIGINAL CLOSURE REPORT

310 West Wall Street, Suite 500 Midland TX, 79701 432.813.1992



August 20, 2024

Mike Bratcher District Supervisor Oil Conservation Division, District 2 811 S. First Street Artesia, New Mexico 88210

Re: Amendment to Closure Report

ABO Plant W. Inlet & Abo Plant W. Inlet 2

Kinetic Midstream

nAPP2207742550 & nAPP2218749539 Site Location: Unit D, S10, T18S, R27E (Lat 32.768683°, Long -104.272269°)

Eddy County, New Mexico

Mr Bratcher:

On behalf of Kinetik Midstream (Kinetik), Carmona Resource, LLC has prepared this letter to document additional site activities for the ABO Plant W. Inlet & Abo Plant W. Inlet 2. The site is located at the GPS 32.768683°, -104.272269° within Unit D, S20, T18S, R35E in Eddy County, New Mexico.

1.0 Site Information and Background

nAPP2207742550 & nAPP2218749539

On March 31, 2023, and April 27, 2023, the New Mexico OCD denied the closure report for the following reasons:

"The Closure Report is Denied. A deferral can only be granted on an active well pad and not on a road, right-of-way, or in the pasture. Please remove the contaminated soil at sample point WS22-01 with alternative measures. A clarification document has been placed on the OCD website to clarify the matter."

"The deferral request is denied. This would fall under the reclamation part of the OCD Spill Rule and will need to be remediated immediately. A deferral can only be granted if it's on an active well pad and the remediation would cause a major facility deconstruction. The contaminated soil should be removed safely with alternative methods (shovel, hydrovac, hammerhoe, etc.). This release is in a high karst area and will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. The work will need to occur in 90 days after the remediation/deferral request has been reviewed."

Both historical reports are attached in Appenxix F.

310 West Wall Street, Suite 500 Midland, Texas 79701 432.813.1992



2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water sources that are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.50 miles from the site and was drilled in 1999. The well has a reported depth to groundwater of 31.73' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix E.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg

4.0 Remediation Activities

Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via email on August 1, 2024, per Subsection D of 19.15.29.12 NMAC. See Appendix C. A total of two (2) floor confirmation samples were collected (CS-1 and CS-2), and six (6) sidewall samples (SW-1 through SW-6) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. The excavation depths and confirmation sample locations are shown in Figure 3. All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride.

See Table 1 for the analytical results.

5.0 Conclusions

Based on the analytical data, no further actions are required at the site. The final C-141 is attached in Appendix A of the original request for closure. Kinetic formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Mike Carmona

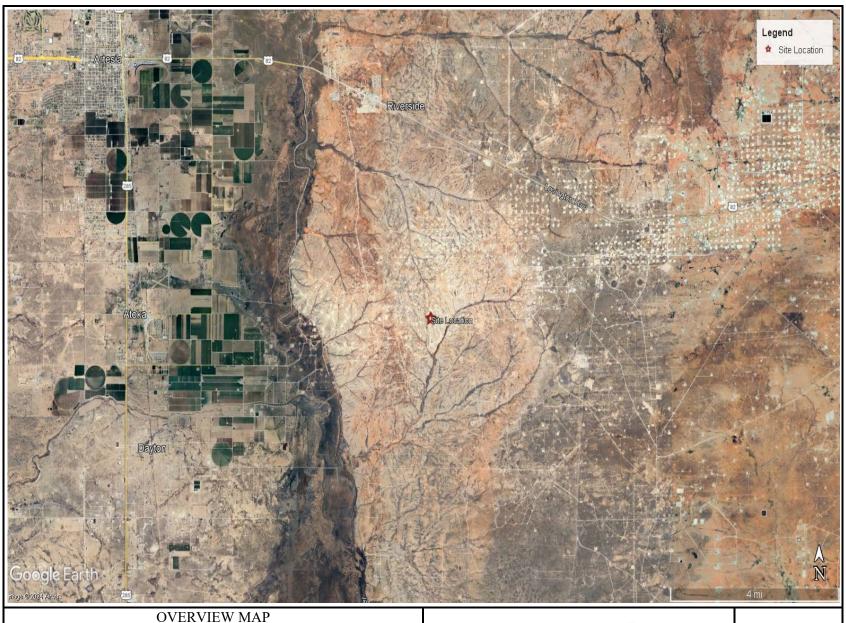
Environmental Manager

Clinton Merritt Sr. Project Manager

> 310 West Wall Street, Suite 500 Midland, Texas 7970

FIGURES

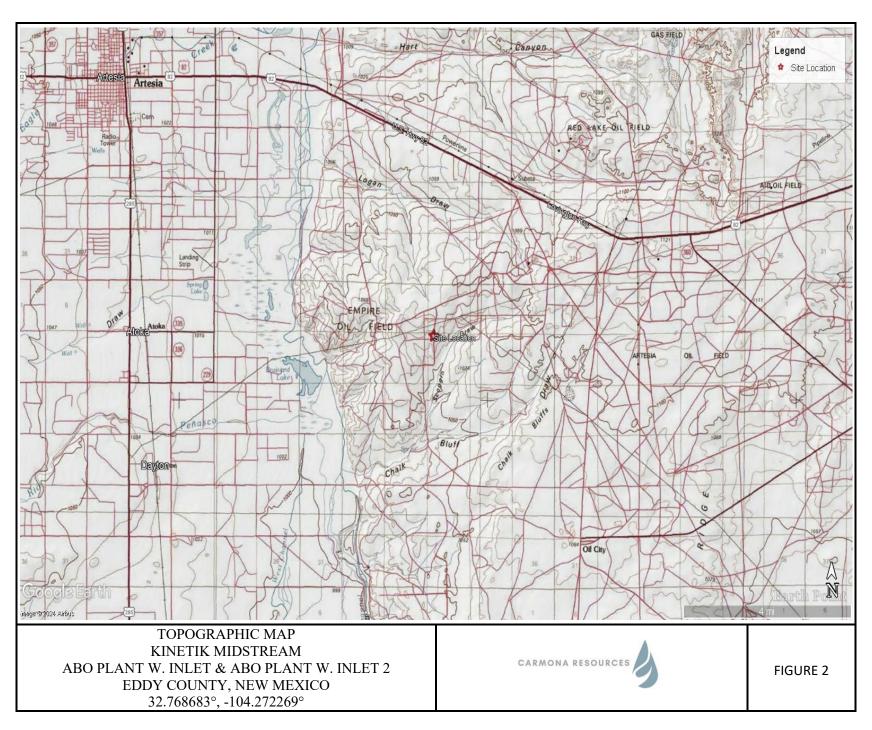
CARMONA RESOURCES

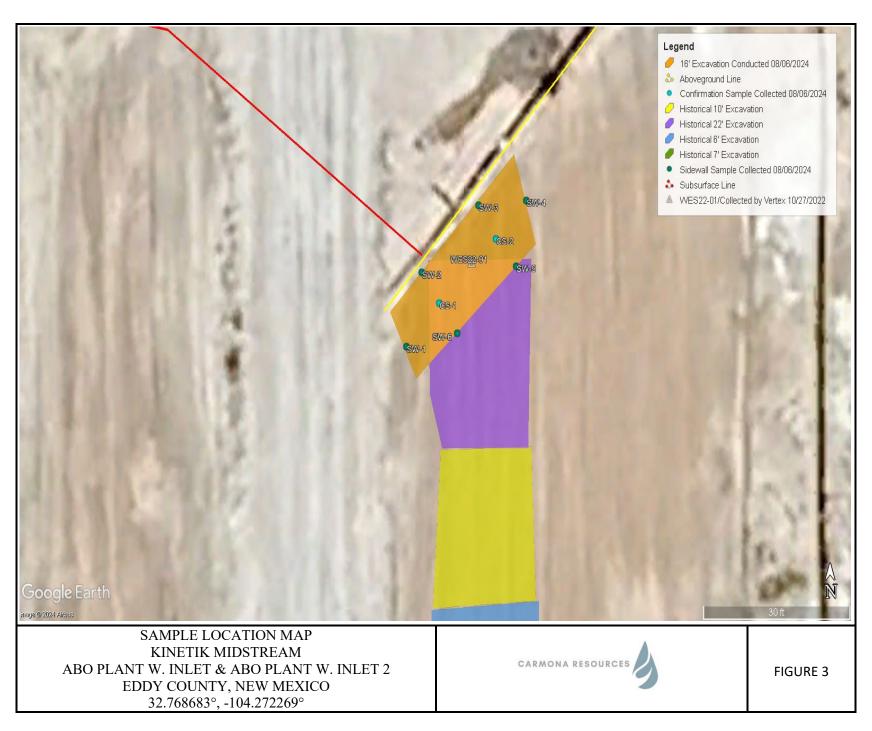


KINETIK MIDSTREAM
ABO PLANT W. INLET & ABO PLANT W. INLET 2
EDDY COUNTY, NEW MEXICO
32.768683°, -104.272269°



FIGURE 1





APPENDIX A

CARMONA RESOURCES

Table 1
Kinetic Midstream
ABO Plant W. Inlet & Abo Plant W. Inlet 2
Eddy County, New Mexico

2 1 12		D (1 (5))		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total BTEX	Chloride
Sample ID	Date	Depth (ft)	GRO	GRO DRO MRO Total		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
CS-1	8/6/2024	16.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
CS-2	8/6/2024	16.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-1	8/6/2024	16.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-2	8/6/2024	16.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-3	8/6/2024	16.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-4	8/6/2024	16.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-5	8/6/2024	16.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
SW-6	8/6/2024	16.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulate	ory Criteria ^A					100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH - Total Petroleum Hydrocarbons ft - feet (CS) Confirmation Sample (SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Kinetic Midstream

Photograph No. 1

Facility: ABO Plant W. Inlet & Abo Plant W.

Inlet 2

County: Eddy County, New Mexico

Description:

View Northeast, area of CS-1.



Photograph No. 2

Facility: ABO Plant W. Inlet & Abo Plant W.

Inlet 2

County: Eddy County, New Mexico

Description:

View East, area of CS-1.



Photograph No. 3

Facility: ABO Plant W. Inlet & Abo Plant W.

Inlet 2

County: Eddy County, New Mexico

Description:

View South, area of CS-1 & CS-2.



APPENDIX C

CARMONA RESOURCES

Districts:

Counties:

SIGN-IN HELP

Searches (

Artesia

Eddy

Operator Data

Hearing Fee Application

OCD Permitting

Home Operator Data

erator Data Action Status

Action Search Results

Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:

369203

[221115] FRONTIER FIELD SERVICES, LLC

Operator:

Description:

Status:

FRONTIER FIELD SERVICES, LLC [221115]

, ABO W. INLET (2)

, nAPP2218749539

Status Date:

APPROVED 08/01/2024

References (1):

nAPP2218749539

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)

nAPP2218749539

Incident Name

NAPP2218749539 ABO W. INLET (2) @ 0

Incident Type
Incident Status

Natural Gas Release

Remediation Plan Received

Location of Release Source

Site Name

ABO W. INLET (2) 07/01/2022

Date Release Discovered
Surface Owner

Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

250

What is the estimated number of samples that will be gathered

10

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC

08/06/2024

Time sampling will commence

04:00 PM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers

Clinton Merritt 432-813-9044

Please provide any information necessary for navigation to sampling site

GPS Coordinates – 32.768683, -104.272269 Driving Directions – From the intersection of Lovington Hwy turn south onto Hilltop Rd and travel 0.24 miles. Turn southwest onto Empire Rd and travel 2.04 miles. Turn west onto Little Diamond Rd and travel 1.02 miles. Turn south onto unmarked lease road and travel 0.54 miles. Job site is the on the east side of the unmarked lease

road.

Acknowledgments

This submission type does not have acknowledgments, at this time.

SIGN-IN HELP

Conditions

Summary:

Sorozco (8/1/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

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Counties:

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Searches

Artesia

Eddy

Operator Data

Hearing Fee Application

OCD Permitting

Home Operator Data

tor Data Action Status

Action Search Results

Action Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:

369201

manual enougher siels of Division in

[221115] FRONTIER FIELD SERVICES, LLC

Description:

Operator:

FRONTIER FIELD SERVICES, LLC [221115] , FRONTIER ABO PLANT W. INLET 12" POLY LINE

, nAPP2207742550

Status: Status Date: APPROVED 08/01/2024

References (1):

nAPP2207742550

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)

nAPP2207742550

Incident Name Incident Type NAPP2207742550 FRONTIER ABO PLANT W. INLET 12" POLY LINE @ 0 $\,$

Natural Gas Release

Incident Status

Remediation Closure Report Received

Location of Release Source

Site Name

FRONTIER ABO PLANT W. INLET 12" POLY LINE

Date Release Discovered
Surface Owner

02/24/2022 Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

What is the estimated number of samples that will be gathered

10

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

08/06/2024

250

19.15.29.12 NMAC

04:00 PM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers

Clinton Merritt 432-813-9044

Please provide any information necessary for navigation to sampling site

GPS Coordinates – 32.768683, -104.272269 Driving Directions – From the intersection of Lovington Hwy turn south onto Hilltop Rd and travel 0.24 miles. Turn southwest onto Empire Rd and travel 2.04 miles. Turn west onto Little Diamond Rd and travel 1.02 miles. Turn south onto unmarked lease road and travel 0.54 miles. Job site is the on the east side of the unmarked lease

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Acknowledgments

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Conditions

Summary:

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Reasons

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APPENDIX D

CARMONA RESOURCES



August 07, 2024

CLINT MERRITT

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: ABO PLANT W. INLET & ABO PLANT W. INLET 2

Enclosed are the results of analyses for samples received by the laboratory on 08/06/24 15:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keene

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 08/06/2024 Sampling Date: 08/06/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: ABO PLANT W. INLET & ABO PLANT W.] Sampling Condition: Cool & Intact
Project Number: 2473 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: EDDY COUNTY, NEW MEXICO

mg/kg

Sample ID: CS - 1 (16') (H244718-01)

BTEX 8021B

BIEX GOEED	9/	119	Analyzed Byr 511						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.93	96.3	2.00	0.738	
Toluene*	<0.050	0.050	08/06/2024	ND	1.90	95.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	1.95	97.3	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	5.73	95.5	6.00	1.69	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	416	104	400	0.00	
TPH 8015M	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	211	105	200	0.381	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	207	103	200	0.378	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 08/06/2024 Sampling Date: 08/06/2024

Reported: 08/07/2024 Project Name: ABO PLANT W. INLET & ABO PLANT W. 1 Sampling Type: Soil

Project Number: 2473 Sampling Condition: Cool & Intact Sample Received By: Alyssa Parras

Project Location: EDDY COUNTY, NEW MEXICO

Sample ID: CS - 2 (16') (H244718-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.93	96.3	2.00	0.738	
Toluene*	<0.050	0.050	08/06/2024	ND	1.90	95.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	1.95	97.3	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	5.73	95.5	6.00	1.69	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	211	105	200	0.381	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	207	103	200	0.378	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	85.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 08/06/2024 Sampling Date: 08/06/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: ABO PLANT W. INLET & ABO PLANT W. 1 Sampling Condition: Cool & Intact Alyssa Parras Project Number: 2473 Sample Received By:

Project Location: EDDY COUNTY, NEW MEXICO

Sample ID: SW - 1 (16') (H244718-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.93	96.3	2.00	0.738	
Toluene*	<0.050	0.050	08/06/2024	ND	1.90	95.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	1.95	97.3	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	5.73	95.5	6.00	1.69	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	211	105	200	0.381	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	207	103	200	0.378	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 08/06/2024 Sampling Date: 08/06/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: ABO PLANT W. INLET & ABO PLANT W. 1 Sampling Condition: Cool & Intact Sample Received By: Project Number: 2473 Alyssa Parras

Project Location: EDDY COUNTY, NEW MEXICO

Sample ID: SW - 2 (16') (H244718-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.93	96.3	2.00	0.738	
Toluene*	<0.050	0.050	08/06/2024	ND	1.90	95.0	2.00	1.50	
Ethylbenzene*	< 0.050	0.050	08/06/2024	ND	1.95	97.3	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	5.73	95.5	6.00	1.69	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	211	105	200	0.381	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	207	103	200	0.378	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	88.7 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 %	6 49.1-14	8						

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Celey D. Keene



Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 08/06/2024 Sampling Date: 08/06/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: ABO PLANT W. INLET & ABO PLANT W. 1 Sampling Condition: Cool & Intact Alyssa Parras Project Number: 2473 Sample Received By:

Project Location: EDDY COUNTY, NEW MEXICO

Sample ID: SW - 3 (16') (H244718-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.93	96.3	2.00	0.738	
Toluene*	<0.050	0.050	08/06/2024	ND	1.90	95.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	1.95	97.3	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	5.73	95.5	6.00	1.69	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	211	105	200	0.381	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	207	103	200	0.378	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 08/06/2024 Sampling Date: 08/06/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: ABO PLANT W. INLET & ABO PLANT W.] Sampling Condition: Cool & Intact
Project Number: 2473 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: EDDY COUNTY, NEW MEXICO

Sample ID: SW - 4 (16') (H244718-06)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.93	96.3	2.00	0.738	
Toluene*	<0.050	0.050	08/06/2024	ND	1.90	95.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	1.95	97.3	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	5.73	95.5	6.00	1.69	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	211	105	200	0.381	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	207	103	200	0.378	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

CARMONA RESOURCES CLINT MERRITT 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 08/06/2024 Reported: 08/07/2024

Project Name: ABO PLANT W. INLET & ABO PLANT W. 1

Project Number: 2473

Project Location: EDDY COUNTY, NEW MEXICO

Sampling Date: 08/06/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW - 5 (16') (H244718-07)

BTEX 8021B

DILX GOZID	11197	ng .	Alldiyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.93	96.3	2.00	0.738	
Toluene*	<0.050	0.050	08/06/2024	ND	1.90	95.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	1.95	97.3	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	5.73	95.5	6.00	1.69	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	211	105	200	0.381	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	207	103	200	0.378	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					
Surrogate: 1-Chlorooctane	73.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

Analyzed By: JH

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Analytical Results For:

CARMONA RESOURCES **CLINT MERRITT** 310 W WALL ST, SUITE 500 MIDLAND TX, 79701 Fax To:

Received: 08/06/2024 Sampling Date: 08/06/2024

Reported: 08/07/2024 Sampling Type: Soil

Project Name: ABO PLANT W. INLET & ABO PLANT W. 1 Sampling Condition: Cool & Intact Project Number: 2473 Sample Received By: Alyssa Parras

Project Location: EDDY COUNTY, NEW MEXICO

Sample ID: SW - 6 (16') (H244718-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	1.93	96.3	2.00	0.738	
Toluene*	<0.050	0.050	08/06/2024	ND	1.90	95.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	1.95	97.3	2.00	1.60	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	5.73	95.5	6.00	1.69	
Total BTEX	<0.300	0.300	08/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2024	ND	211	105	200	0.381	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	207	103	200	0.378	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					
Surrogate: 1-Chlorooctane	76.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

City, State ZIP:

Midland, TX 79701 310 W Wall St Ste 500 Carmona Resources Clinton Merritt

Company Name: roject Manager

Company Name: Bill to: (if different)

288 W. Kincaid Ranch Rd. Kinetic Midstream Sebastian Orozco

State of Project:

Program: UST/PST PRP rownfields RC

perfund

Work Order Comments

Page

of.

Chain of Custody

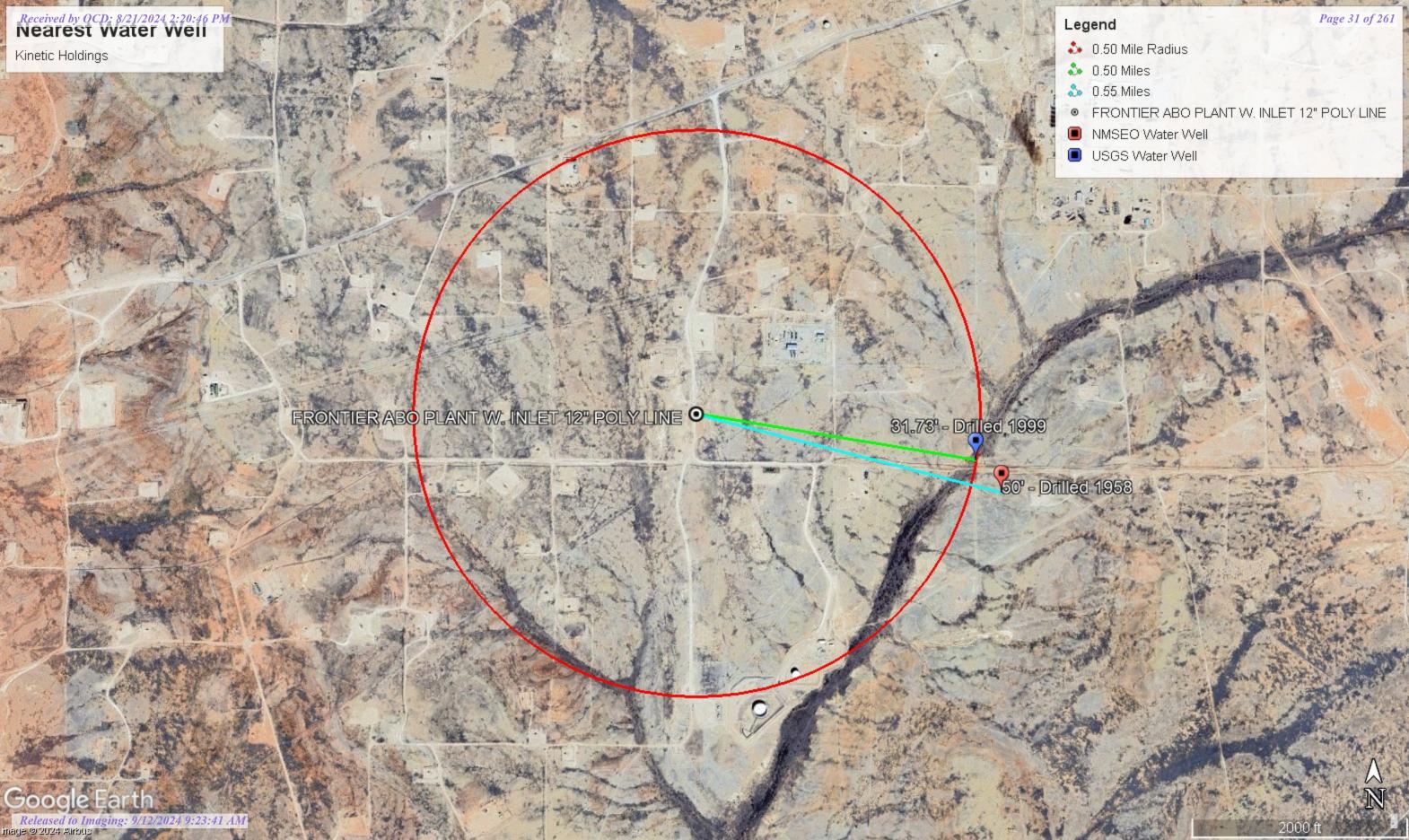
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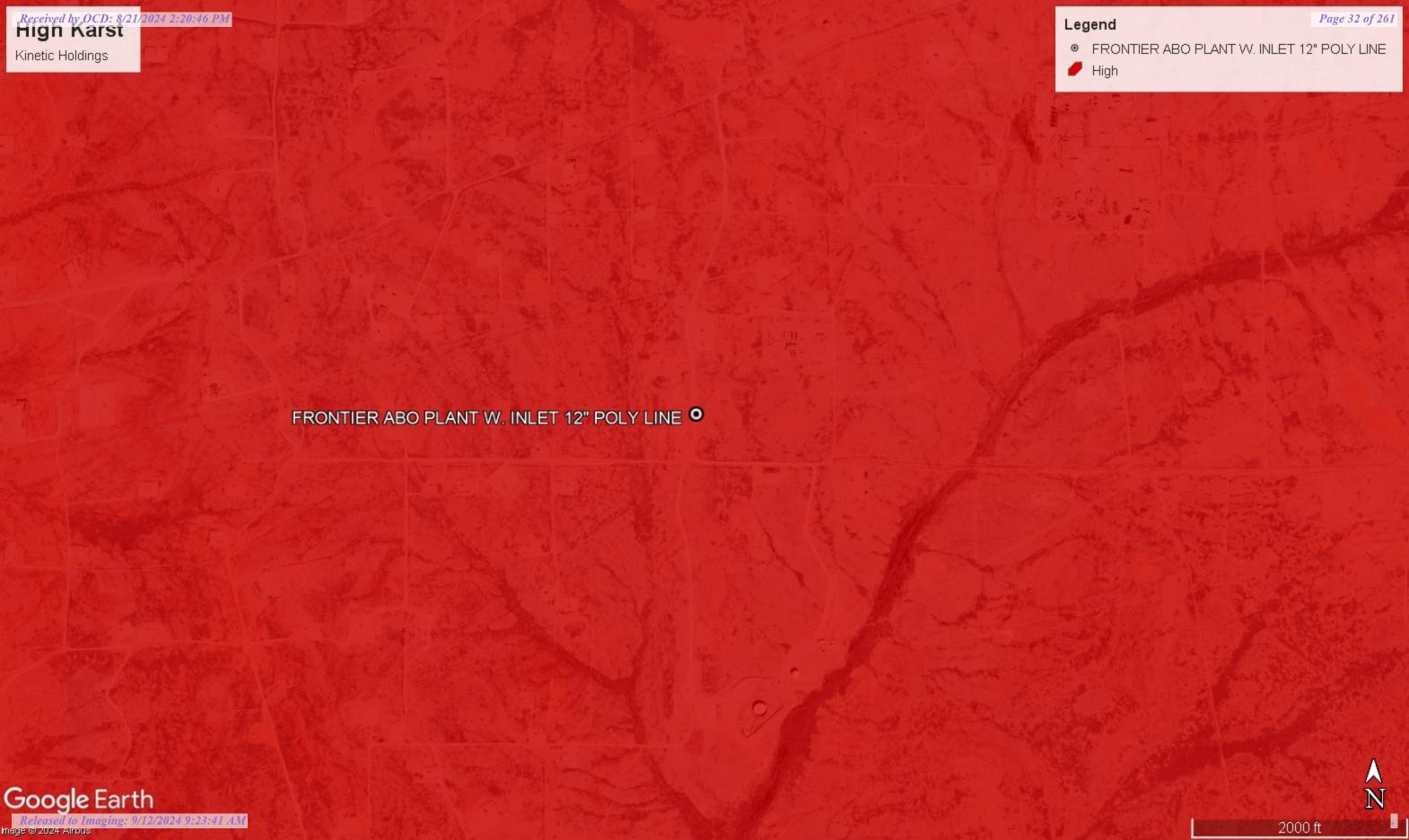
			£ ,	200000000000000000000000000000000000000	Comments: Email to I		SW-6 (16')	SW-5 (16')	SW-4 (16')	SW-3 (16')	SW-2 (16')	SW-1 (16')	CS-2 (16')	CS-1 (16')	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#:	Sampler's Name:	Project Location	Project Number:	Project Name: A	Phone: 432	ate ZIP:
	4/4/4	Relinquished by: (Signature)		•	Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresou		8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	8/6/2024	ation Date		Yes No N/A	Yes No N/A	(es) No	Temp Blank:		CCM	Eddy County, New Mexico	2473	ABO Plant W. Inlet & Abo Plant W. Inlet 2	432-813-9044	Midland, TX 79701
		y: (Signature)	1		na@carmona										Time	Corrected Temperature:	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No			Mexico		Plant W. Inlet 2		
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			*		n and Conner		0	0	0	-	0	-	0	0	Water Co	1078	2.31	-0.6:		(Yes) No			24 HRS	Rush Rush	Turn Around	Email: sorozco@kinetik.com	City, State ZIP:
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		Received by: (Signature)																	a						UEST	Deliverables: EDD	Reporting:Level II Level III
								+		+	+	+		+												A	
+	8						\	7	6	n-		u ²	U-	-	Sampl	NaOH+Asco	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO: NARIS	H-BO : HB	H-SO. H-	DOI: 000	000	None: NO	Prese	ADaPT Ot	ST/UST RRP
	besthen	Date/Time	;	•											Sample Comments	NaOH+Ascorbic Acid: SAPC	NaOH: Zn	SO ₃	RIS	NaCH. Na	NaOH: Na	INIO : UNIC	Maoni. Ma	DI Water: H ₂ O	Preservative Codes	Other:	P Level IV

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APPENDIX E

CARMONA RESOURCES







New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	Depth Water	
RA 03917		RA	LE	SE	NW	NE	10	18S	27E	569019.0	3625660.0 *	•	886	130	50	80
RA 03714		RA	СН	SE	SE	NE	80	18S	27E	566212.0	3625253.0 *	•	2045	381		
RA 13283 POD1		RA	ED	NE	SW	NW	33	17S	27E	566598.6	3628656.5	•	3186	101		
RA 03661		RA	ED	SW	NE	SW	32	17S	27E	565186.0	3628038.0 *	•	3675	330	140	190
<u>RA 03664</u>		RA	СН	SW	NE	SW	32	17S	27E	565186.0	3628038.0 *	•	3675	400	100	300
RA 04048		RA	LE	NW	SE	SE	14	18S	27E	570841.0	3623030.0 *		3911	2096		

Average Depth to Water: 96 feet

Minimum Depth: 50 feet

Maximum Depth: 140 feet

Record Count: 6

UTM Filters (in meters):

Easting: 568159.20 **Northing:** 3625877.88

Radius: 4000

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

^{*} UTM location was derived from PLSS - see Help



Click to hideNews Bulletins

 Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs site no list =

• 324603104155001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 324603104155001 18S.27E.10.213223

Eddy County, New Mexico

Table of data

Latitude 32°46'03", Longitude 104°15'50" NAD27

Land-surface elevation 3,479 feet above NAVD88

The depth of the well is 130 feet below land surface.

This well is completed in the Other aguifers (N9999OTHER) national aguifer.

This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats

Table of date	<u>u</u>									
Tab-separate	ed data									
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Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1961-12-28	3	D	62610		3430.16	NGVD29	1	Z		
1961-12-28	3	D	62611		3431.72	NAVD88	1	Z		
1961-12-28	3	D	72019	47.28			1	Z		
1962-01-04	1	D	62610		3430.13	NGVD29	1	Z		
1962-01-04	1	D	62611		3431.69	NAVD88	1	Z		
1962-01-04	1	D	72019	47.31			1	Z		
1963-01-07	7	D	62610		3428.69	NGVD29	1	Z		
1963-01-07	7	D	62611		3430.25	NAVD88	1	Z		
1963-01-07	7	D	72019	48.75			1	Z		
1963-07-23	3	D	62610		3429.23	NGVD29	1	Z		
1963-07-23	3	D	62611		3430.79	NAVD88	1	Z		
1963-07-23	3	D	72019	48.21			1	Z		
1963-08-30)	D	62610		3429.16	NGVD29	1	Z		
1963-08-30)	D	62611		3430.72	NAVD88	1	Z		
1963-08-30)	D	72019	48.28			1	Z		

Date	Time	? Water-level date-time accuracy	Pa	rameter de	Water level, I feet below I land surface	Water level, feet above specific vertical datum	ve	eferenced ertical etum
1963-09-04	D	62610		3431.85	NGVD29	1	Z	
1963-09-04	D	62611		3433.41	NAVD88	1	Z	
1963-09-04	D	72019	45.59			1	Z	
1963-10-01	D	62610		3431.71	NGVD29	1	Z	
1963-10-01	D	62611		3433.27	NAVD88	1	Z	
1963-10-01	D	72019	45.73			1	Z	
1963-11-22	D	62610		3431.28	NGVD29	1	Z	
1963-11-22	D	62611		3432.84	NAVD88	1	Z	
1963-11-22	D	72019	46.16			1	Z	
1964-01-09	D	62610		3430.52	NGVD29	1	Z	
1964-01-09	D	62611		3432.08	NAVD88	1	Z	
1964-01-09	D	72019	46.92			1	Z	
1966-01-24	D	62610		3436.15	NGVD29	1	Z	
1966-01-24	D	62611		3437.71	NAVD88	1	Z	
1966-01-24	D	72019	41.29			1	Z	
1984-02-09	D	62610		3455.28	NGVD29	1	Z	
1984-02-09	D	62611		3456.84	NAVD88	1	Z	
1984-02-09	D	72019	22.16			1	Z	
1984-03-01	D	62610		3456.08	NGVD29	1	Z	
1984-03-01	D	62611		3457.64	NAVD88	1	Z	
1984-03-01	D	72019	21.36			1	Z	
1989-02-02	D	62610		3458.03	NGVD29	1	Z	
1989-02-02	D	62611		3459.59	NAVD88	1	Z	
1989-02-02	D	72019	19.41			1	Z	
1994-02-24	D	62610		3444.77	NGVD29	1	S	
1994-02-24	D	62611		3446.33	NAVD88	1	S	
1994-02-24	D	72019	32.67			1	S	
1999-01-19	D	62610		3445.71	NGVD29	1	S	USGS
1999-01-19	D	62611		3447.27	NAVD88	1	S	USGS
1999-01-19	D	72019	31.73			1	S	USGS

Ex	nla	na	ŧi	n,
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Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	А	Approved for publication Processing and review completed.



U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2024-08-15 10:38:09 EDT

0.33 0.22 nadww02

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Υ	Мар
	RA 03917	SE	NW	NE	10	18S	27E	569019.0	3625660.0 *	•

* UTM location was derived from PLSS - see Help

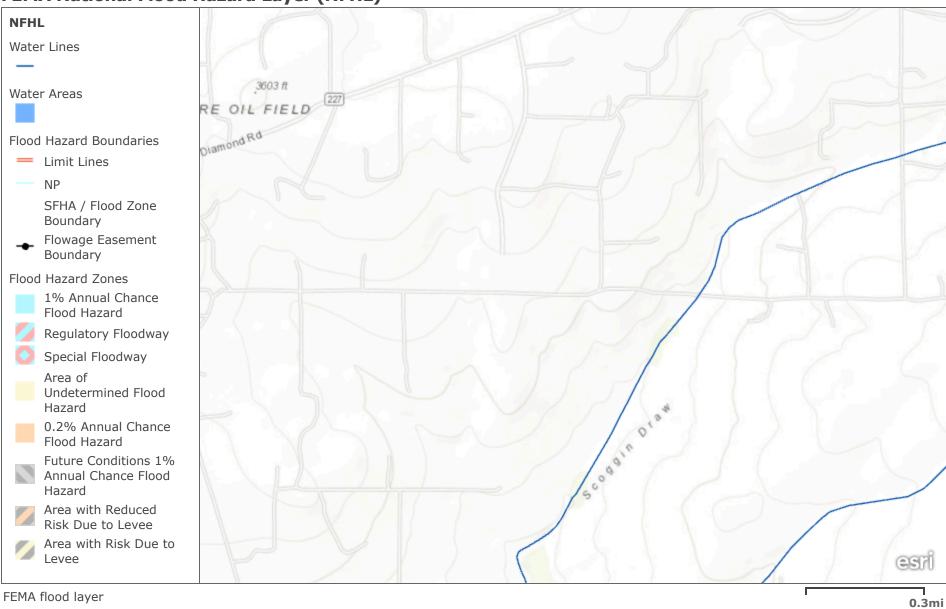
Casing Size:		Depth Well:	130	Depth Water:	50
Pump Type:		Pipe Discharge Size:		Estimated Yield:	
Log File Date:	1958-08-06	PCW Rcv Date:		Source:	Artesian
Drill Start Date:	1958-07-31	Drill Finish Date:	1958-07-31	Plug Date:	
Driller Name:					
Driller License:	111	Driller Company:	BURKE, EDWARD B.		

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

8/15/24 8:40 AM MST Point of Diversion Summary

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FEMA National Flood Hazard Layer (NFHL)



Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

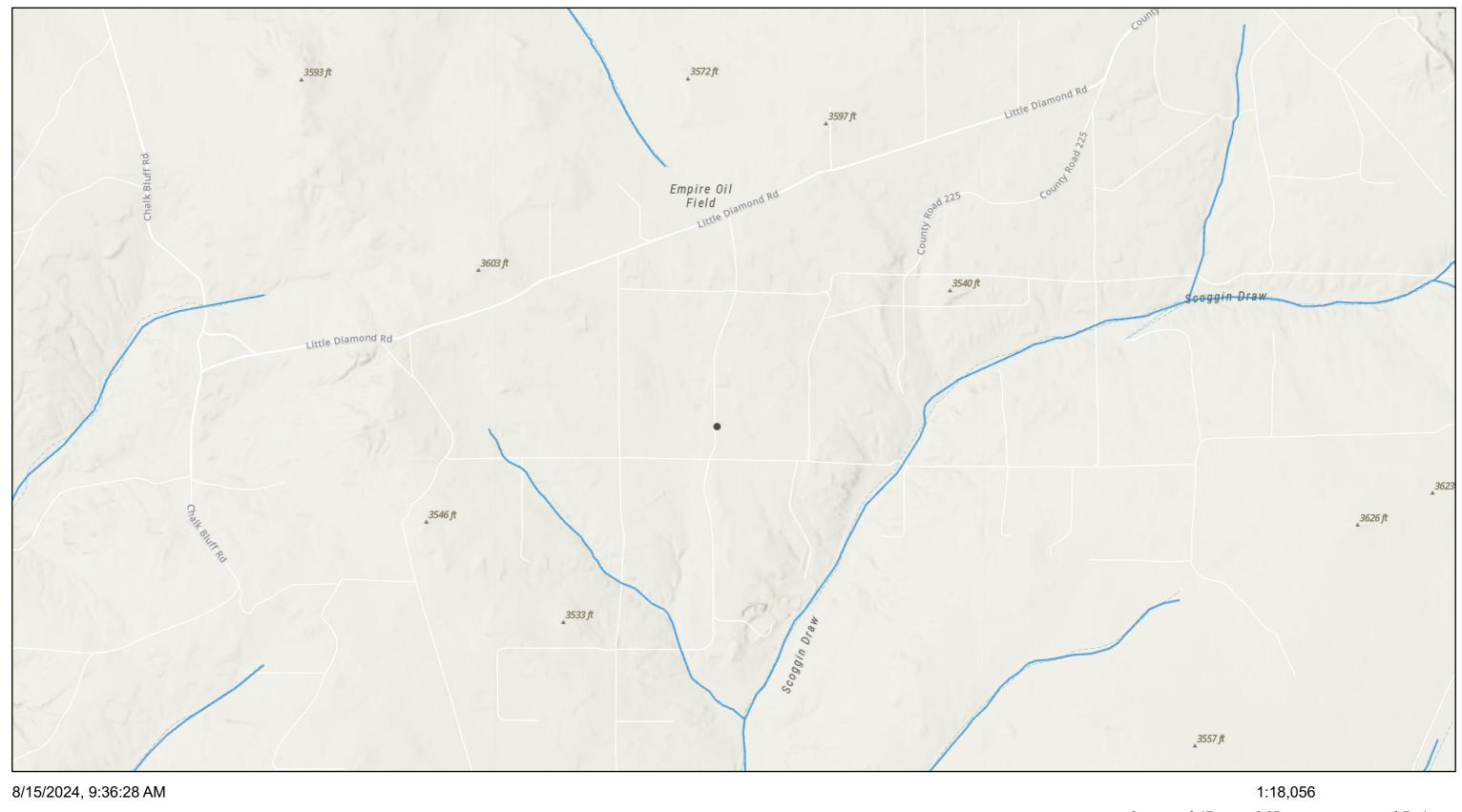
FEMA National Flood Hazard Layer (NFHL)

NFHL Water Lines LATED DE TROPORTO Water Areas Flood Hazard Boundaries Limit Lines NP SFHA / Flood Zone Boundary Flowage Easement Boundary Flood Hazard Zones 1% Annual Chance Flood Hazard Regulatory Floodway Special Floodway Area of Undetermined Flood Hazard 0.2% Annual Chance Flood Hazard Future Conditions 1% Annual Chance Flood Hazard Area with Reduced Risk Due to Levee Area with Risk Due to Levee FEMA flood layer

Maxar | Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

0.3mi

FRONTIER ABO PLANT W. INLET 12" POLY LINE



0 0.17 0.35 0.7 mi 0 0.3 0.6 1.2 km

Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

OSE Streams

APPENDIX F

CARMONA RESOURCES



December 13, 2022 Vertex Project #: 22E-00946

Spill Closure Report: ABO Plant W. Inlet & Abo Plant W. Inlet 2

Section 10, Township 18 South, Range 27 East

County: Eddy

Incident Report: nAPP2207742550 and nAPP2218749539

Prepared For: Frontier Field Services, LLC

47 Conoco Road

Maljamar, New Mexico 88264

New Mexico Oil Conservation Division - District 2

811 South 1st Street Artesia, New Mexico 88210

Frontier Field Services, LLC (Frontier) retained Vertex Resource Services Inc. (Vertex) to conduct a Spill Assessment for a release of natural gas caused by equipment failure 3.6 miles west-northwest of the Artesia Gas Plant, Incident nAPP2207742550 and nAPP2218749539 (hereafter referred to as "ABO"). This letter provides a description of the Spill Assessment and Remediation, and includes a request for Spill Closure. The spill area is located at N 32.768683, W - 104.272269.

Background

The site is located approximately 4.2 miles south of Riverside, New Mexico (Google Inc., 2022). The legal location for the site is Section 10, Township 18 South, Range 27 East in Eddy County, New Mexico. The spill area is located on federal property. An aerial photograph and site schematic are included on Figure 1 (Attachment 1).

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2022) indicates the site's surface geology is comprised primarily of Pat – Artesia Group (Guadalupian) – Shelf facies forming broad south-southeast trending outcrop from Glorieta to Artesia area; includes Tansill, Yates, Seven Rivers, Queen, and Grayburg Formations (Guadalupian). Predominant soil texture on the site is loamy and bedrock. The Natural Resources Conservation Service Web Soil Survey characterizes the predominant soil texture on the site is GC - Gypsum land - Cottonwood complex: shallow loam (8 inches) overlying bedrock (United States Department of Agriculture, Natural Resources Conservation Service, 2022).

The surrounding landscape is associated with valley floors, plains, fan piedmonts, piedmont slopes or relic lakebeds on basins at elevations of 2,800 to 5,000 feet above sea level. The climate is semi-arid, with an average annual precipitation of 13 inches. This site has a grassland aspect with patches of bare or lichen covered soil surface exposed between patches of vegetation. The potential plant community is dominated by alkali sacaton, short and mid grass perennials and forbs, with half shrubs and shrubs sparsely and evenly distributed. Overgrazing and extended drought can reduce grass cover (United States Department of Agriculture, Natural Resources Conservation Service, 2022).

Frontier Field Services, LLC
ABO Plant W, nAPP2207742550 and nAPP2218749539

2022 Spill Assessment and Remediation
December 2022

There is no surface water located at ABO. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 Mexico Administrative Code (NMAC; New Mexico Oil Conservation Division, 2018), is the Pecos River located approximately 2.60 miles west of the site (Google Inc., 2022). There are no continuous flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes, or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

Incident Description

The release, caused by failure of a previously existing 12" Powerseal Full-Wrap Clamp, was discovered on February 24, 2022. Initial response evaluated the release at less than 5 bbl of condensate; however, site delineation and excavation determined the release to be of a reportable volume. The spill was reported as soon as reportable status was determined, on March 18, 2022, and involved the release of approximately 4.461 Mcf of natural gas adjacent to the road. No product was removed during initial spill clean-up. Field screening and laboratory analysis data are included in Table 2 (Attachment 5). The New Mexico Oil Conservation Division (NMOCD) C-141 Report: nAPP2207742550 is included in Attachment 2. The daily field reports (DFRs) and site photographs are included in Attachment 3.

A second release occurred during remediation efforts while the excavation was open. The area received several inches of water that settled into the bottom of the excavation and fine mists of liquids impacted the rainwater. The spill was discovered on July 1, 2022. Initial response of the release removed all standing fluid from the bottom of the excavation with vacuum trucks. The NMOCD C-141 Report: nAPP2218749569 is included in Attachment 2.

Closure Criteria Determination

The depth to groundwater was determined using information from the United States Department of the Interior, United States Geological Survey (2022) National Water Information Mapping System and New Mexico Office of the State Engineer (2022) Water Rights Reporting System. A 0.5-mile search radius was used to determine groundwater depth. The closest recorded depth to groundwater was determined to be 31 feet below ground surface (bgs) and 2,442 feet from the site (New Mexico Office of the State Engineer, New Mexico Water Rights Reporting System, 2022). Documentation used in Closure Criteria Determination research is included in Attachment 4.

Closure Criteria Worksheet					
Site	Name: ABO Plant W. INLET 12" Poly Line				
Spil	l Coordinates:	X: 32.768683	Y: -104.272269		
Site	Specific Conditions	Value	Unit		
1	Depth to Groundwater	31	feet		
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	2,320	feet		
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	16,182	feet		
4	Within 300 feet from an occupied residence, school, hospital, institution or church	23,470	feet		
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	6,706	feet		
	ii) Within 1000 feet of any fresh water well or spring	6,706	feet		
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)		
7	Within 300 feet of a wetland	14,453	feet		
8	Within the area overlying a subsurface mine	No	(Y/N)		
9	Within an unstable area (Karst Map)	High	Critical High Medium Low		
10	Within a 100-year Floodplain	500	year		
11	Soil Type	Loam, bedrock			
12	Ecological Classification	Gyp upland			
13	Geology	Shelf facies			
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	<50'	<50' 51-100' >100'		

The closure criteria determined for the site are associated with the following constituent concentration limits as presented in Table 1.

Table 1. Closure Criteria for Soils Impacted by a Release				
Minimum depth below any point within the horizontal boundary of the release to groundwater less than				
10,000 mg/l TDS	Constituent	Limit		
	Chloride	600 mg/kg		
< 50 feet	TPH (GRO+DRO+MRO)	100 mg/kg		
< 50 leet	BTEX	50 mg/kg		
	Benzene	10 mg/kg		

TDS - Total dissolved solids , TPH - Total petroleum hydrocarbons = gasoline range organics (GRO) + diesel range organics (DRO) + motor oil range organics (MRO), BTEX - Benzene, toluene, ethylbenzene, and xylenes

Remedial Actions Taken

An initial site inspection of the spill area was completed on March 15, 2022, which identified the area of the spill specified in the initial C-141 Report, estimated the approximate volume of the spill and white lined the area required for the 811 One Call request. Impacts were determined to exceed the limit for a reportable release. The DFR associated with the site inspection is included in Attachment 3.

Remediation efforts began on March 15, 2022, and were completed on November 16, 2022 to asses both releases at the same time. Vertex personnel supervised the excavation of impacted soils. Field screening was completed on a total of 25 sample points and consisted of analysis using a photo ionization detector (volatile hydrocarbons), Dexsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and electroconductivity meter (chlorides). Field screening results were used to distinguish areas requiring further remediation from those areas showing concentrations below determined closure criteria levels. Soils were removed to a depth of 22 feet bgs. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Field screening results are included in Table 2 (Attachment 5).

Notification that confirmatory samples were being collected was provided to the NMOCD on April 14, August 12, September 19, October 7, October 20, and November 10, 2022, and are included in Attachment 6. Confirmatory composite samples were collected from the base and walls of the excavation in 200 square foot increments. A total of 25 samples were collected for laboratory analysis following NMOCD soil sampling procedures. Samples were submitted to Envirotech under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Laboratory results are presented in Table 2 (Attachment 5) and the laboratory data reports are included in Attachment 7. All confirmatory samples collected and analyzed were below closure criteria for the site.

Deferral is being requested for contamination at the center of the north wall, located at sample point WS22-01 at depth intervals of 5-10 feet bgs and 10-15 feet bgs, due to concerns about the structural integrity of the above flowline. The 12" line is a direct connection to the gas plant and excavation beneath it in its current state could pose significant risk. The remaining contamination shows no signs of migration. The wall area consists of a hardpan rock where a hammerhoe

Frontier Field Services, LLC
ABO Plant W, nAPP2207742550 and nAPP2218749539

2022 Spill Assessment and Remediation
December 2022

attachment was used to bust through area of excavation. Removing any additional rock could risk any future release having a conduit through the rock portion and reaching a deeper vertical depth. The remaining wall samples collected below the elevated portion of wall meets the strictest criteria.

Closure Request

The spill area was fully delineated, remediated, and will be backfilled with local soils. Confirmatory Sample Notification emails are included in Attachment 6. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per the NMAC Closure Criteria for Soils Impacted by a Release locations "under 50 feet to groundwater". Based on these findings, Frontier Field Services, LLC. respectfully requests that these spills be closed.

Should you have any questions or concerns, please do not hesitate to contact the undersigned at 575.361.9880 or mpeppin@vertex.ca.

Monica Peppin, A.Sc.

PROJECT MANAGER, REPORTING

Date

Attachments

Attachment 2. NMOCD C-141 Report

Attachment 3. Daily Field Reports with Pictures

Attachment 4. Closure Criteria for Soils Impacted by a Release Research Determination Documentation

Attachment 5. Tables

Attachment 6. Confirmatory Sampling Notification to the New Mexico Oil Conservation Division

Attachment 7. Laboratory Data Reports and Chain of Custody Forms

References

- Google Inc. (2022). Google Earth Pro (Version 7.3.4) [Software]. Retrieved from http://www.google.com/earth
- New Mexico Bureau of Geology and Mineral Resources. (2022). *Interactive Geologic Map.* Retrieved from http://geoinfo.nmt.edu.
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Frontier Field Services, LLCABO Plant W, nAPP2207742550 and nAPP2218749539

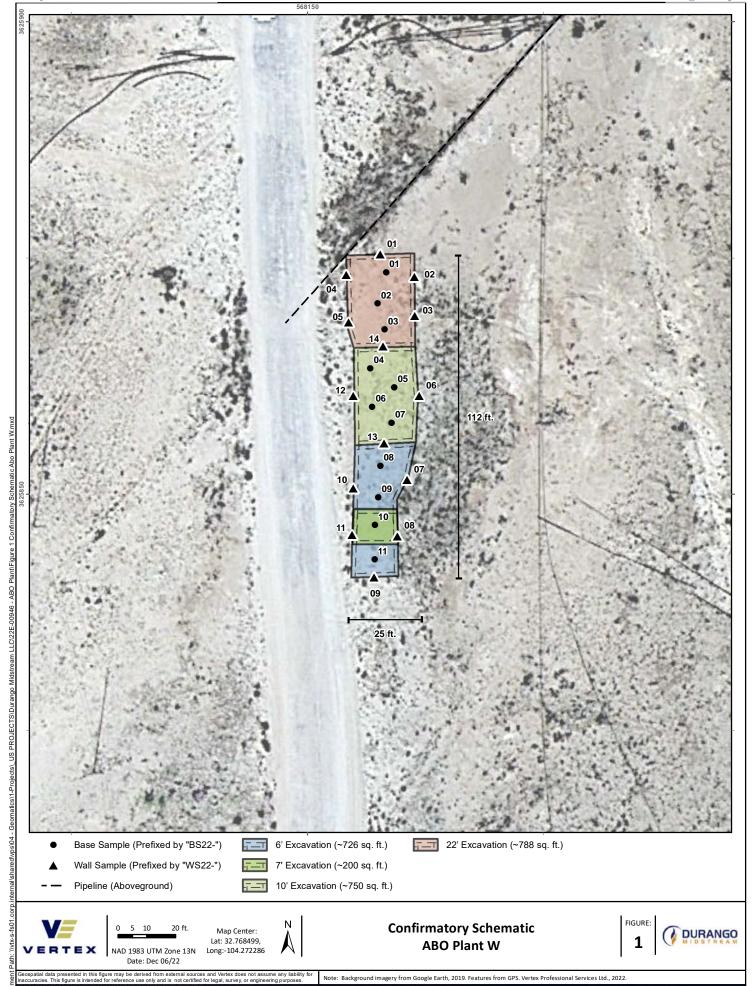
2022 Spill Assessment and Remediation
December 2022

Limitations

This report has been prepared for the sole benefit of Frontier Field Services, LLC. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division and Bureau of Land Management, without the express written consent of Vertex Resource Services Inc. (Vertex) and Frontier Field Services, LLC. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

ATTACHMENT 1



ATTACHMENT 2

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2207742550
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Frontier Field Services, LLC					OGRID 221115		
Contact Name Amber Groves					Contact Telephone 575-703-7992		
Contact email agroves@durangomidstream.com				Incident #	(assigned by OCD))	
Contact mail	ing address	47 Conoco Rd, M	aljamar NM 8826	54			
			Location	of Release So	ource		
Latitude	32.76	8683	(NAD 83 in dec		Longitude -104.272269 degrees to 5 decimal places)		
Site Name A	bo Plant W.	Inlet 12 " Poly Li	ne	Site Type I	Site Type Pipeline		
Date Release	Discovered	2/24/2022		API# (if app	olicable)		
Unit Letter	Unit Letter Section Township Range			Coun	nty		
D	10	18S	27E	<u> </u>]	
Crude Oil	Materia		l that apply and attach	Volume of I	justification for the	e volumes provided below)	
Produced					Volume Recovered (bbls)		
Produced	water	Volume Release	. ,		Volume Recovered (bbls)		
		Is the concentrate produced water	ion of dissolved cl >10,000 mg/l?	nloride in the	Yes N	No	
Condensa	te	Volume Release			Volume Recovered (bbls) 0		
□ Natural Gas			Volume Reco	overed (Mcf)			
Other (describe) Volume/Weight Released (provide u		units)	Volume/Weig	ght Recovered (provide units)			
	xisting 12" P on initial sit	e delineation and o				ed to be less than 5 bbls of condensate olume. NOR initiated as soon as	

Received by OCD: 8/21/2024 2:20:46 PMI State of New Mexico
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Incident ID nAPP2207742550

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Application ID

Was this a major release as defined by	If YES, for what reason(s) does the responsible part	ty consider this a major release?			
19.15.29.7(A) NMAC?					
☐ Yes ⊠ No					
ICMEG . 1. 4		11 1 (
If YES, was immediate no	otice given to the OCD? By whom? To whom? Wh	en and by what means (phone, email, etc)?			
	Initial Response	e			
The responsible p	party must undertake the following actions immediately unless they	y could create a safety hazard that would result in injury			
☐ The source of the rele	ease has been stopped.				
The impacted area has	as been secured to protect human health and the enviro	onment.			
Released materials ha	ave been contained via the use of berms or dikes, absor	orbent pads, or other containment devices.			
All free liquids and re	ecoverable materials have been removed and managed	d appropriately.			
If all the actions described above have <u>not</u> been undertaken, explain why:					
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.					
regulations all operators are a public health or the environn failed to adequately investiga	ment. The acceptance of a C-141 report by the OCD does n gate and remediate contamination that pose a threat to groun	knowledge and understand that pursuant to OCD rules and nd perform corrective actions for releases which may endanger not relieve the operator of liability should their operations have adwater, surface water, human health or the environment. In lity for compliance with any other federal, state, or local laws			
Printed Name: Amb	ber Groves Title: Ren	mediation Specialist			
Signature:	Date:	3/18/2022			
email:agroves@durar	ngomidstream.com Telephone:	(575)703-7992			
OCD Only Jocely	n Harimon	03/18/2022			
	Date:				

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Incident ID	nAPP2207742550
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Site Assessment/Characterization

This information must be provided to the appropriate district office no tales man 20 days after the release discovery date.				
What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)			
Did this release impact groundwater or surface water?	Yes X No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes X No			
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Yes X No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Yes X No			
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes X No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Yes X No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No			
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No			
Are the lateral extents of the release overlying a subsurface mine?	Yes X No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes X No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes X No			
Did the release impact areas not on an exploration, development, production, or storage site?	X Yes No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.				
Characterization Report Checklist: Each of the following items must be included in the report.				

- X Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- X Field data
- X Data table of soil contaminant concentration data
- X Depth to water determination
- X Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- X Boring or excavation logs
- X Photographs including date and GIS information
- Topographic/Aerial maps
- X Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by IOCD: 8/21/2024 2:20:46 PMate of New Mexico
Page 4 Oil Conservation Division

Incident ID	nAPP2207742550
District RP	
Facility ID	U.
Application ID	

regulations all operators are required to report and/or file certain a public health or the environment. The acceptance of a C-141 repfailed to adequately investigate and remediate contamination that	polete to the best of my knowledge and understand that pursuant to OCD rules and release notifications and perform corrective actions for releases which may endanger out by the OCD does not relieve the operator of liability should their operations have pose a threat to groundwater, surface water, human health or the environment. In operator of responsibility for compliance with any other federal, state, or local laws
Printed Name: Amber Groves	Title: Senior Environmental Specialist
Signature: WWW WOOD	Date: <u>12/14/2022</u>
email: agroves@durangomidstream.com	Telephone: 575-703-7992
	• • • • • • • • • • • • • • • • • • • •
OCD Only	
Received by:Jocelyn Harimon	Date:12/19/2022

Reneived by OCD: 8/21/2024 2:20:46 PM ate of New Mexico
Page 5
Oil Conservation Division

Incident ID	nAPP2207742550 56 of 26
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation points ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
<u>Deferral Requests Only</u> : Each of the following items must be confirmed as part of any request for deferral of remediation.
○ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
Extents of contamination must be fully delineated.
○ Contamination does not cause an imminent risk to human health, the environment, or groundwater.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: Amber Groves Title: Senior Environmental Specialist
Signature:
email:agroves@durangomidstream.com Telephone: _575-703-7992
OCD Only
Received by: Jocelyn Harimon Date:12/19/2022
☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved
Signature: Date:

Received by IOCD: 8/21/2024 2:20:46 PMate of New Mexico Page 6 Oil Conservation Division

Incident ID	nAPP2207742550 Page 57 of 26
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Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following	tiems must be included in the closure report.	
A scaled site and sampling diagram as described in 19.15.29	2.11 NMAC	
Photographs of the remediated site prior to backfill or photomust be notified 2 days prior to liner inspection)	os of the liner integrity if applicable (Note: appropriate OCD District office	
□ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)		
□ Description of remediation activities		
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of	plations. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.	
OCD Only		
Received by: Jocelyn Harimon	Date:12/19/2022	
	y of liability should their operations have failed to adequately investigate and e water, human health, or the environment nor does not relieve the responsible d/or regulations.	
Closure Approved by:	Date:	
Printed Name:	Title:	

Received by OCD: 8/21/2024/24:20:464PM

District I
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

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Incident ID	nAPP2218749539
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Frontier Field Services, LLC			OGRID	OGRID 221115		
Contact Name Amber Groves			Contact 7	Contact Telephone 575-703-7992		
Contact email agroves@durangomidstream.com			Incident a	# (assigned by OCD)		
Contact mail	ing address	47 Conoco Rd, M	aljamar NM 88264	1		
Latitude	32.76	8683		of Release S Longitude mal degrees to 5 dec	-104.272269	
Site Name A	bo Plant W.	Inlet 12 " Poly Li	ne	Site Type	Pipeline	
Date Release	Discovered	7/1/2022		API# (if ap	pplicable)	
Unit Letter	Section	Township	Range	Cou	inty	
D	10	18S	32E	Ed	dy	
	Materia	l(s) Released (Select al	Nature and I that apply and attach ca		Release	provided below)
Crude Oil		Volume Release			Volume Recovered (b	
Produced	Water	Volume Release	d (bbls)		Volume Recovered (b	obls)
Is the concentration of dissolved chlorid produced water >10,000 mg/l?			loride in the	☐ Yes ☐ No		
Condensate Volume Released (bbls) 24			Volume Recovered (bbls) 0			
Natural Gas Volume Released (Mcf) 4.461			Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide units		units)	Volume/Weight Recovered (provide units)			
Cause of Rele Previous relea weeks and fin with current e	ase listed un ie mist of lic	juids impacted the	550 was currently or rainwater. All liqu	excavated. The a ids were vacced	area has received several out and this release will	inches of rain in the last 2-3 be remediated in conjunction

Received by OCD: 8/21/2024/21/20146 PM tate of New Mexico
Page 2 Oil Conservation Division

	Page ogeof 21
Incident ID	nAPP2218749539
District RP	
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?		
release as defined by 19.15.29.7(A) NMAC?			
and act to the second and the second at the			
☐ Yes ⊠ No			
TOTAL			
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?		
	Initial Response		
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury		
The source of the rele	ease has been stopped.		
☐ The impacted area ha	s been secured to protect human health and the environment.		
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.		
All free liquids and re	ecoverable materials have been removed and managed appropriately.		
If all the actions described	d above have <u>not</u> been undertaken, explain why:		
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.			
	mation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and		
public health or the environn	required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have		
	ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws		
and/or regulations			
Printed Name: Amb	per Groves Title: Remediation Specialist		
Signature: \ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	V GURAL 7/7/2002		
Signature.	Date: <u>7/7/2022</u>		
email: <u>agroves@duran</u>	gomidstream.com Telephone: (575)703-7992		
OCD Only			
Received by: Jocelyn H	Date: 07/07/2022		
556 M			

Regeived by OCD: 8/21/2024 2:20:46 PM ate of New Mexico
Page 4 Oil Conservation Division

Incident ID	nAPP2218749539 Page 60 of 26
District RP	
Facility ID	
Application ID	

regulations all operators are required to report and/or file certain public health or the environment. The acceptance of a C-141 refailed to adequately investigate and remediate contamination that addition, OCD acceptance of a C-141 report does not relieve the and/or regulations.	release notifications and perform corrective actions for releases which may endanger port by the OCD does not relieve the operator of liability should their operations have at pose a threat to groundwater, surface water, human health or the environment. In experitors of responsibility for compliance with any other federal, state, or local laws
Printed Namer Amber Groves	Title: Senior Environmental Specialist
Printed Namer Amber Groves Signature:	Date: <u>12/14/2022</u>
email: <u>agroves@durangomidstream.com</u>	Telephone: <u>575-703-7992</u>
OCD Only	
Received by:	Date:

Received by OCD: 8/21/2024 2:20:46 PMate of New Mexico
Page 5
Oil Conservation Division

Incident ID	nAPP2218749539
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.			
□ Detailed description of proposed remediation technique			
Scaled sitemap with GPS coordinates showing delineation points			
Estimated volume of material to be remediated			
Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC			
Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)			
<u>Deferral Requests Only</u> : Each of the following items must be confirmed as part of any request for deferral of remediation.			
○ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.			
Extents of contamination must be fully delineated.			
Contamination does not cause an imminent risk to human health, the environment, or groundwater.			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases			
which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of			
liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater,			
surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of			
responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name: Amber Groves Title: Senior Environmental Specialist			
A-about from A			
Signature:			
email: <u>agroves@durangomidstream.com</u> Telephone: <u>575-703-7992</u>			
OCD Only			
OCD ONLY			
Received by: Date:			
☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved			

Received by OCD: 8/21/2024 2:20:46 PMate of New Mexico
Page 6 Oil Conservation Division

Incident ID	nAPP2218749539 62 of
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

	Closure Report Attachment Checklist: Each of the following items must be included in the closure report.			
	Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)			
	☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)			
	□ Description of remediation activities			
-		70		
1 2 1 2 2	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Amber Groves Title: Senior Environmental Specialist Date: 12/14/2022 Date: 12/14/2022 Telephone: 575-703-7992			
	OCD Only			
ŀ	Received by: Date:			
r	Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.			
	Closure Approved by: Date:			
F	Printed Name: Title:			

ATTACHMENT 3



Client: Frontier Field Services Inspection Date: 3/15/2022 3/17/2022 6:40 PM Site Location Name: Abo Plant W Report Run Date: **Amber Groves** Client Contact Name: API#: (575)703-7992 Client Contact Phone #: Unique Project ID Project Owner: Project Reference # Project Manager: **Summary of Times** Arrived at Site 3/15/2022 8:15 AM 3/15/2022 4:45 PM **Departed Site**

Field Notes

13:21 Rake brush and debris away from riser/spill area

Make blind sweep with pin finder

8:59 Begin excavation

11:20 Line strike. Dug up PVC conduit with electric line. Damage control ticket placed with NM811 and client notified.

16:01 Electric line declared abandoned, resumed excavation

Next Steps & Recommendations

- 1 Return tomorrow to haul off contaminated soil
- 2 Finish field screening and collecting samples



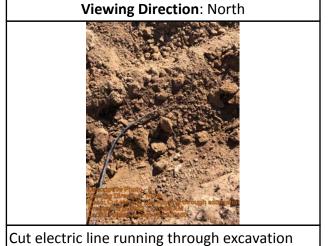
Site Photos

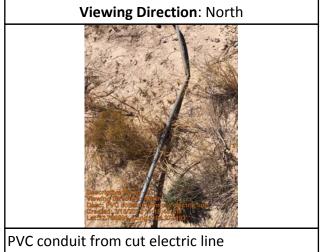


Hand dug excavation under pipe at point of release

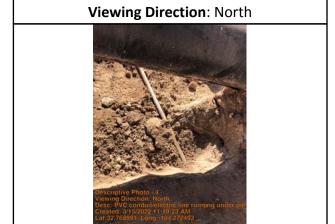


Spoil pile

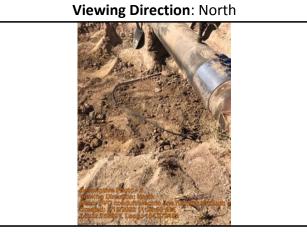




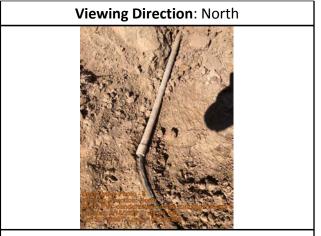




PVC conduit/electric line running under pipe in excavation



PVC conduit/electric line running through excavation



PVC conduit/electric line running through excavation



Excavation area







Excavation area



Daily Site Visit Signature

Inspector: Jason Crabtree

Signature:



Durango Midstream LLC 10/12/2022 Client: Inspection Date: Report Run Date: Abo Plant W 10/17/2022 3:56 PM Site Location Name: **Amber Groves** API#: Client Contact Name: Client Contact Phone #: 346-351-2786 Unique Project ID Project Owner: Project Reference # Project Manager: **Summary of Times** Arrived at Site 10/12/2022 9:30 AM **Departed Site**

Field Notes

9:59 Arrived on site and held safety meeting / discussed plans for the day with reps from standard safety

10:31 Began benching west side of excavation beneath road

10:32 Departed location at ~1300

Next Steps & Recommendations

1



Site Photos

Viewing Direction: South



Berm blocking road

Viewing Direction: West



During benching of west wall and northwest corner of excavation

Viewing Direction: South



Benched area on western wall of excavation

Viewing Direction: North



Benched section of west wall







Daily Site Visit Signature

Inspector: McKitric Wier

Signature: Signature

Arrived at Site

Departed Site

Daily Site Visit Report



Client:	Durango Midstream LLC	Inspection Date:	10/13/2022
Site Location Name:	Abo Plant W	Report Run Date:	10/17/2022 3:55 PM
Client Contact Name:	Amber Groves	API#:	
Client Contact Phone #:	346-351-2786		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	
		Summary of	Times

.

Field Notes

14:27 Continued with benching of west side of excavation at ~830

10/13/2022 7:50 AM

10/13/2022 2:50 PM

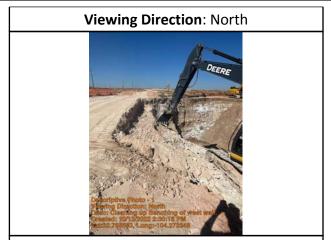
- 14:27 Paused to empty spoils from base of excavation at ~ 1000
- 14:27 Continued with benching at ~ 1115
- 14:28 Took samples from walls on east, west, and north walls of excavation. All samples returned hot
- 14:29 Began benching / expanding excavation northward

Next Steps & Recommendations

1 Continue with benching and field screening of walls



Site Photos



Cleaning up Benching of west wall.



Viewing Direction: South



Top of benched area on north end of pit



West wall after benching







Daily Site Visit Signature

Inspector: McKitric Wier



Client:	Durango Midstream LLC	Inspection Date:	10/14/2022
Site Location Name:	Abo Plant W	Report Run Date:	10/17/2022 3:55 PM
Client Contact Name:	Amber Groves	API#:	
Client Contact Phone #:	346-351-2786		
Unique Project ID		Project Owner:	
Project Reference #		Project Manager:	

Summary of Times							
Arrived at Site	10/14/2022 8:00 AM						
Departed Site	10/14/2022 3:00 PM						

Field Notes

- 9:42 Arrived on site and held safety meeting with reps from standard @ ~830
- 9:43 Completed benching on west side of roadway
- 9:43 Benched area on north side of excavation near poly lines
- **9:43** Completed benching near north end of excavation

Next Steps & Recommendations

1



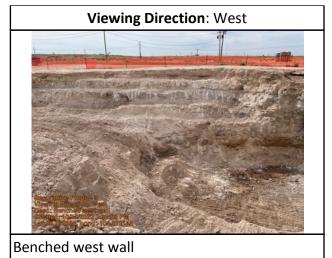
Site Photos

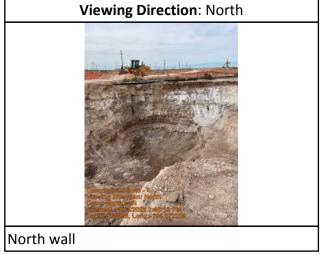


Benching on the east side of the excavation



Viewing Direction: Southwest







Daily Site Visit Signature

Inspector: McKitric Wier

Signature: Signature

ATTACHMENT 4

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:					
Groundwater	~	United States	~	G			

Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Table of data

Tab-separated data

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs

site_no list =

• 324603104155001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 324603104155001 18S.27E.10.213223

Eddy County, New Mexico Latitude 32°46'03", Longitude 104°15'50" NAD27 Land-surface elevation 3,479 feet above NAVD88 The depth of the well is 130 feet below land surface.

Released to Imaging: 9/12/2024 9:23:41 AM

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Artesia Group (313ARTS) local aquifer.

Output formats

Graph of data	<u></u>										
Reselect perio											
Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Wa leve app sta
1961-12-28		D	D 62610		3430.16	NGVD29	1	L.	Z		
1961-12-28		D	D 62611		3431.72	NAVD88	3 1	ı	Z		
1961-12-28		D	72019	47.28			1	L	Z		
1962-01-04		D	D 62610		3430.13	NGVD29) 1	L	Z		
1962-01-04		D	D 62611		3431.69	NAVD88	3 1	L	Z		
1962-01-04		D	72019	47.31			1		Z		
1963-01-07		D	D 62610		3428.69	NGVD29	1		Z		
1963-01-07		D	D 62611		3430.25	NAVD88	3 1		Z		
1963-01-07		D	D 72019	48.75			1	-	Z		
1963-07-23		D	D 62610		3429.23	NGVD29	1		Z		
1963-07-23		D	D 62611		3430.79	NAVD88	3 1	-	Z		
1963-07-23		D	D 72019	48.21			1		Z		
1963-08-30		D	D 62610		3429.16	NGVD29	1		Z		
1963-08-30		D	D 62611		3430.72	NAVD88	3 1		Z		
1963-08-30		D					1		Z		
1963-09-04		D	D 62610		3431.85	NGVD29) 1		Z		
1963-09-04		D			3433.41	NAVD88	3 1		Z		
1963-09-04		D	72019	45.59			1		Z		
1963-10-01		D	D 62610		3431.71	NGVD29	1	-	Z		

Date	Time	% 8/21/2024 Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	Page 82 of 2 ? Source of measurement
963-10-01		D	62611		3433.27	NAVD88	1			
1963-10-01		D	72019	45.73			1			
.963-11-22		D	62610		3431.28	NGVD29	1			
.963-11-22		D	62611		3432.84	NAVD88	1			
1963-11-22		D	72019	46.16			1			
964-01-09		D	62610		3430.52		1			
1964-01-09		D	62611		3432.08	NAVD88	1			
1964-01-09		D	72019	46.92			1			
966-01-24		D	62610		3436.15	NGVD29	1			
966-01-24		D	62611		3437.71	NAVD88	1			
966-01-24		D	72019	41.29			1			
.984-02-09		D	62610		3455.28	NGVD29	1			
.984-02-09		D	62611		3456.84	NAVD88	1			
.984-02-09		D	72019	22.16			1			
984-03-01		D	62610		3456.08	NGVD29	1			
984-03-01		D	62611		3457.64	NAVD88	1			
.984-03-01		D	72019	21.36			1			
989-02-02		D	62610		3458.03	NGVD29	1			
989-02-02		D	62611		3459.59	NAVD88	1			
989-02-02		D	72019	19.41			1			
994-02-24		D	62610		3444.77	NGVD29	1			
994-02-24		D	62611		3446.33	NAVD88	1			
994-02-24		D	72019	32.67			1			
999-01-19		D	62610		3445.71	NGVD29	1			
999-01-19		D	62611		3447.27	NAVD88	1			
999-01-19		D	72019	31.73			1	S	S USGS	S

Section Code		Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes

News Released to Imaging: 9/12/2024 9:23:41 AM

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2022-04-06 15:15:25 EDT 0.28 0.24 nadww02





Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,

O=orphaned,

C=the file is

(quarters are 1=NW 2=NE 3=SW 4=SE)

closed) (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

		POD													
		Sub-		Q	Q	Q								V	Vater
POD Number	Code	basin	County	64	16	4	Sec	Tws	Rng	X	\mathbf{Y}	DistanceDep	othWellDe	epthWater Co	olumn
<u>RA 03917</u>		RA	LE	4	1	2	10	18S	27E	569019	3625660*	887	130	50	80
<u>RA 03714</u>		RA	СН	4	4	2	08	18S	27E	566212	3625253*	2044	381		
<u>RA 03661</u>		RA	ED	3	2	3	32	17S	27E	565186	3628038*	3674	330	140	190
<u>RA 03664</u>		RA	СН	3	2	3	32	17S	27E	565186	3628038*	3674	400	100	300
<u>RA 04048</u>		RA	LE	1	4	4	14	18S	27E	570841	3623030*	3912	2096		
<u>RA 01493</u>		RA	ED		2	1	27	17S	27E	568468	3630529*	4661	876		

Average Depth to Water:

96 feet

Minimum Depth:

50 feet

Maximum Depth:

140 feet

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 568159

Northing (Y): 3625878

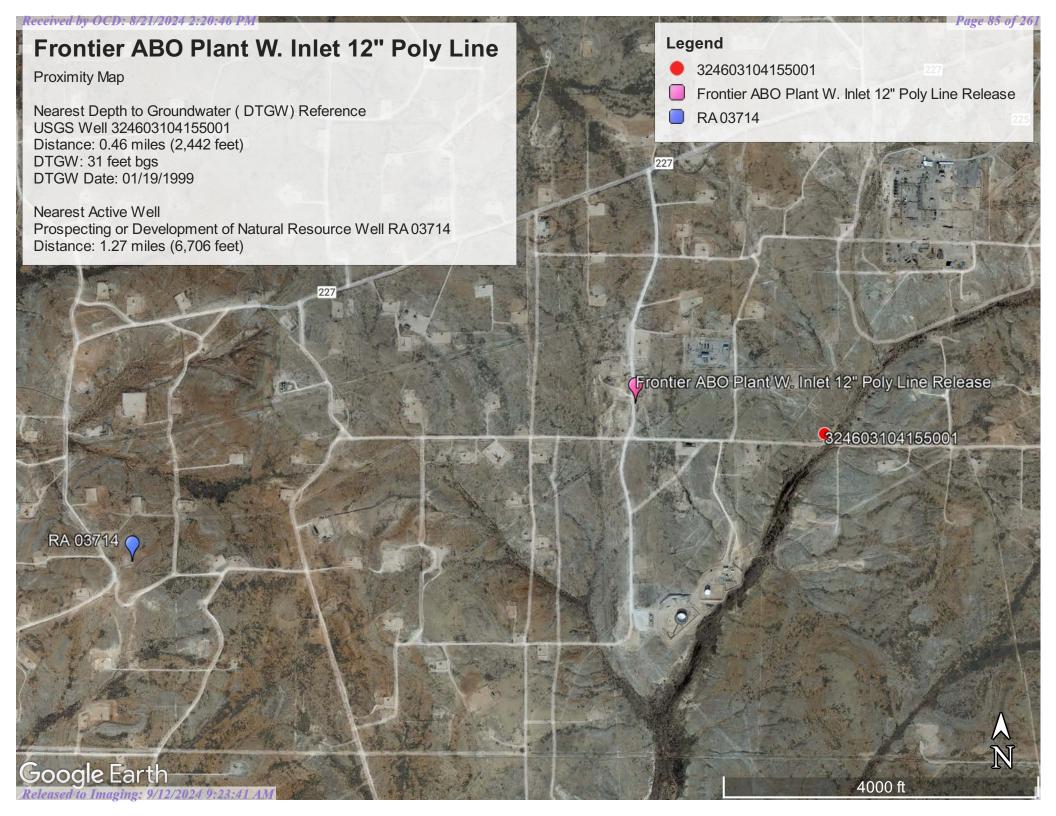
Radius: 5000

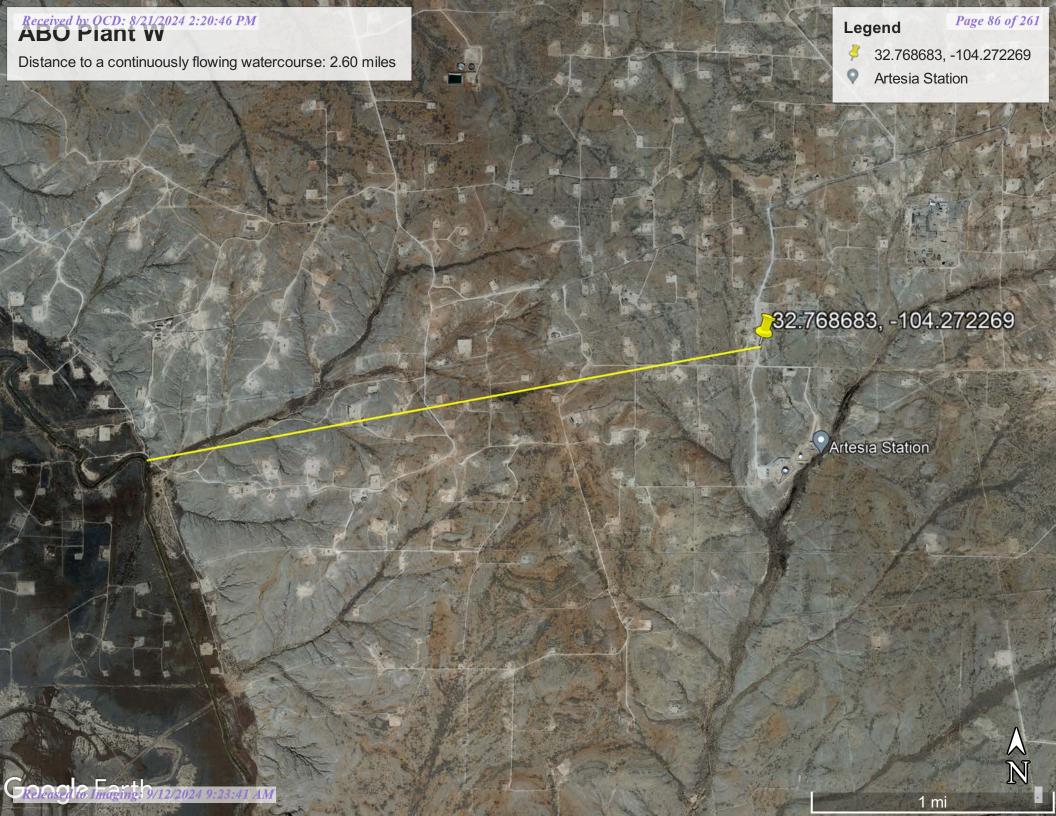
*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/6/22 12:40 PM

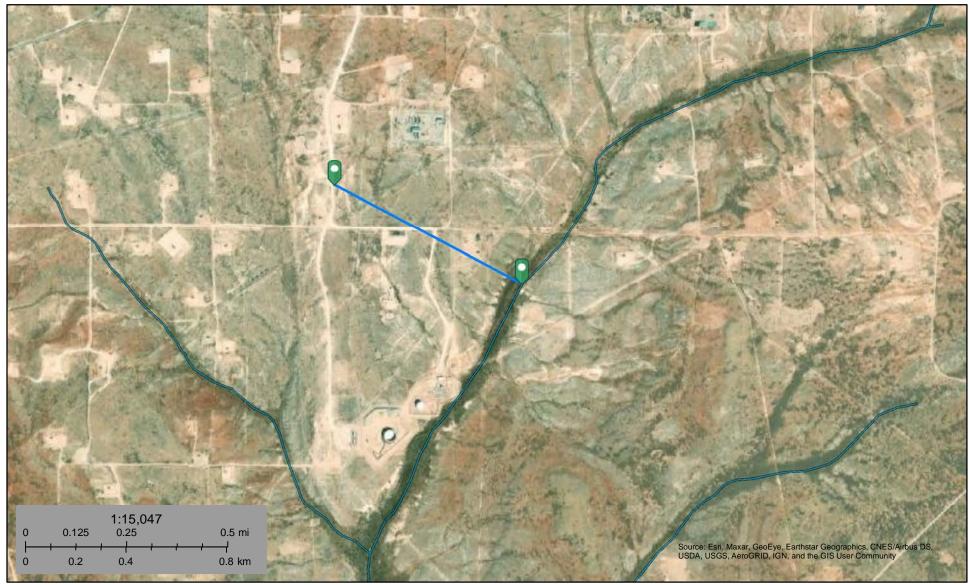
WATER COLUMN/ AVERAGE DEPTH TO WATER







Intermittent 2,320 feet



April 6, 2022

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond



Lake

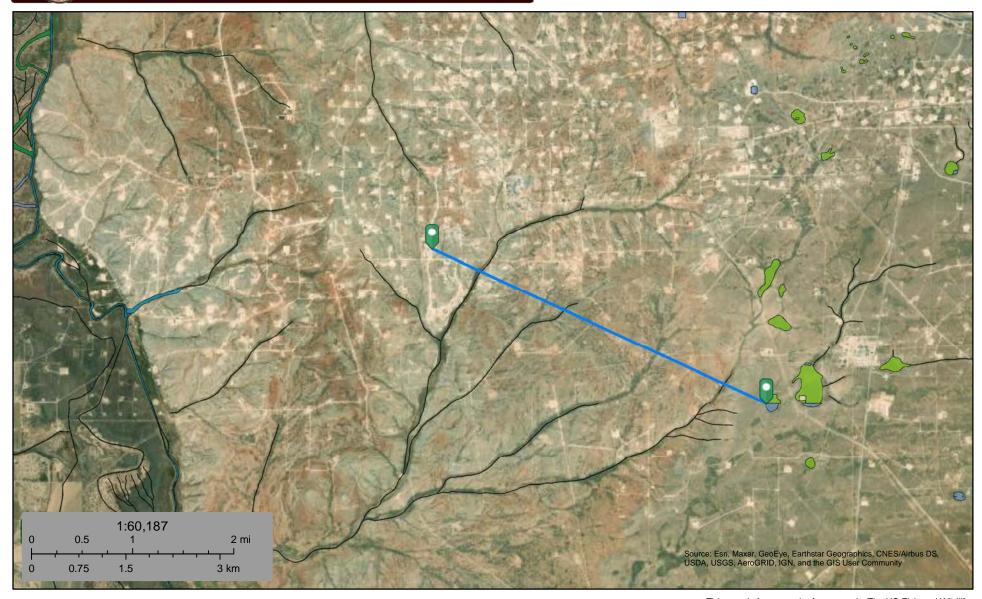
Riverine





This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Pond 16,182 feet



April 6, 2022

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

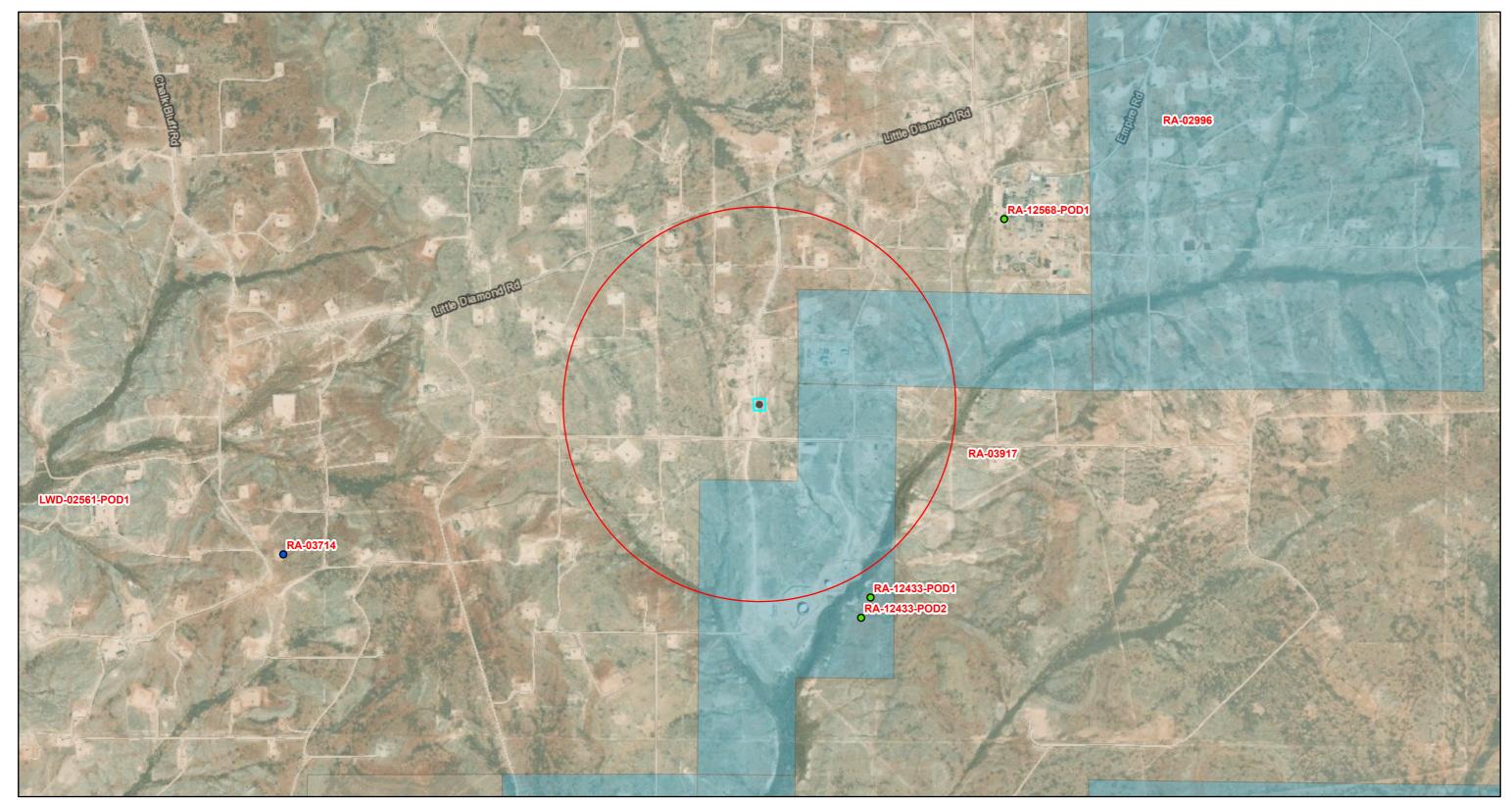
Other

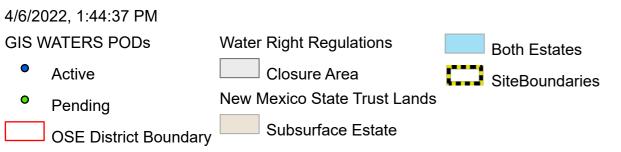
Riverine

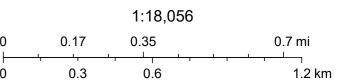
Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

OSE POD Locations 0.5 mile







Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, U.S. Department of Energy Office of Legacy



Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

X

RA 03714

46

2 08 18S 27E

566212 3625253*

Driller License:

Driller Company:

ABBOTT BROTHERS COMPANY

Driller Name:

ABBOTT, FLOYD

Drill Start Date:

03/28/1957

Drill Finish Date:

04/01/1957

Plug Date:

Shallow

Log File Date:

04/10/1957

PCW Rcv Date:

Source:

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

7.00 Depth Well: 381 feet

Depth Water:

Water Bearing Stratifications:

Top Bottom Description

325

350 Sandstone/Gravel/Conglomerate

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/6/22 1:02 PM

POINT OF DIVERSION SUMMARY

^{*}UTM location was derived from PLSS - see Help



Water Right Summary

WR File Number: RA 03714 Subbasin: RA Cross Reference: -

Primary Purpose: PRO 72-12-1 PROSPECTING OR DEVELOPMENT OF NATURAL RESOURCE

Primary Status: PMT PERMIT

Total Acres: Subfile: - Header: -

Total Diversion: 0 Cause/Case: -

Owner: HUMBLE OIL & REFINING COMPANY

Documents on File

Status From/

Trn# Doc File/Act 1 2 Transaction Desc. To Acres Diversion Consumptive

260239 72121 1957-03-26 PMT LOG RA 03714 T

Current Points of Diversion

(NAD83 UTM in meters)

Well Tag Source 64Q16Q4Sec Tws Rng

X Y

Other Location Desc

POD Number RA 03714

Shallow 4 4 2 08 18S 27E

566212 3625253*

An () after northing value indicates UTM location was derived from PLSS - see Help

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4/6/22 1:02 PM WATER RIGHT SUMMARY



Active & Inactive Points of Diversion

(with Ownership Information)

		(acre ft per and	num)				(R=POD has been replaced and no longer serves this file, C=the file is closed)	(I	s are sma	allest t		W 4=SE)	(NAD8	3 UTM in meters)
WR File Nbr	Sub basii	ı Use Diversi	on Owner	County	POD Number	Well Tag	Code Grant	Source	q q q		Twe	Qna	X	Y	Distance
RA 03917	RA	PRO	0 PAN AMERICAN PETROLEUM CORP.		RA 03917		couc Grant	Artesian			18S			3625660*	887
RA 12433	RA	MON	0 CENTURION PIPELINE LP	ED	RA 12433 POD1				2 2 3	10	18S	27E 568	621	3625094	910
				ED	RA 12433 POD2				2 2 3	10	18S	27E 568	583	3625010	965
<u>RA 12568</u>	RA	MON	0 AKA ENERGY GROUP	ED	RA 12568 POD1	NA			1 2 4	03	18S	27E 569	158	3626640	1257
RA 02996	RA	DOM	3 PATON BROTHERS	ED	RA 02996				2 3 1	02	18S	27E 569	808	3627025*	2008
RA 03714	RA	PRO	0 HUMBLE OIL & REFINING COMPANY	СН	RA 03714			Shallow	4 4 2	08	18S	27E 566	212	3625253*	2044
LWD 02561	RA	PLS (0.25 J W GISSLER	ED	<u>LWD 02561 POD1</u>	NA			1 4 1	08	18S	27E 565	210	3625446*	2980
RA 03661	RA	PRO	0 HUMBLE OIL & REFINING	ED	RA 03661			Shallow	3 2 3	32	17S	27E 565	186	3628038*	3674
RA 03664	RA	DOM	0 HUMBLE OIL & REFINING CO	CH	RA 03664			Shallow	3 2 3	32	17S	27E 565	186	3628038*	3674
RA 04048	RA	OBS	0 INC. WESTERN OIL FIELDS	LE	RA 04048			Artesian	1 4 4	14	18S	27E 570	841	3623030*	3912
<u>RA 12595</u>	RA	MON	0 YVONNE BLAIR	ED	RA 12595 POD1	NA			3 3 3	17	18S	27E 564	716	3623585	4135
RA 12594	RA	MON	0 YVONNE BLAIR	ED	RA 12594 POD2	NA			3 3 3	17	18S	27E 564	721	3623558	4146
				ED	RA 12594 POD1				4 4 4	18	18S	27E 564	698	3623562	4163
<u>RA 01493</u>	RA	IRR	3 JULIAN MONTOYA	ED	RA 01493			Artesian	2 1	27	17S	27E 568	468	3630529*	4661
RA 05851	RA	PRO	0 CACTUS DRILLING CORP.	ED	RA 05851				1 3	07	18S	27E 563	277	3624944*	4970

Record Count: 15

UTMNAD83 Radius Search (in meters):

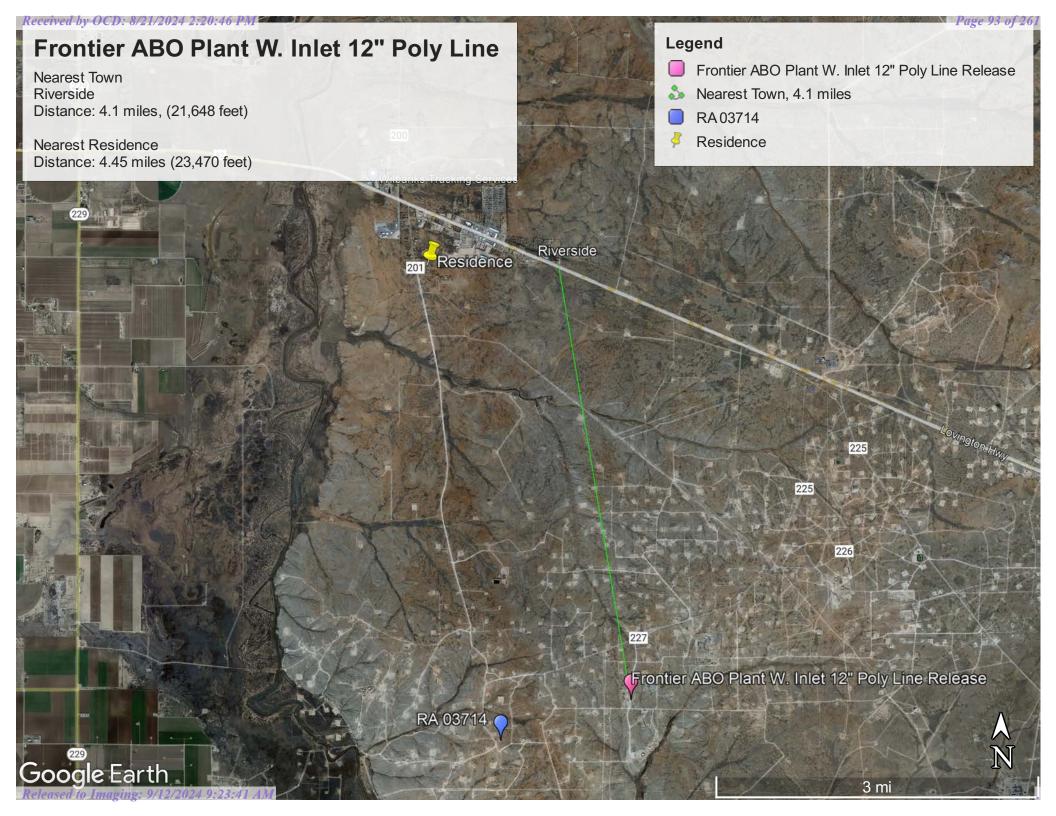
Easting (X): 568159 **Northing (Y):** 3625878 **Radius:** 5000

Sorted by: Distance

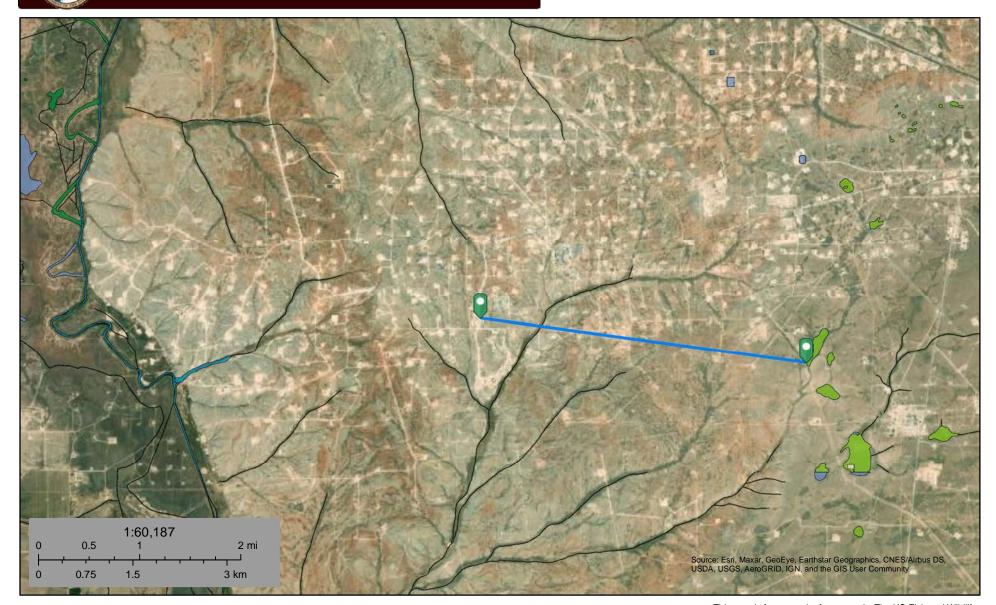
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

4/6/22 12:40 PM ACTIVE & INACTIVE POINTS OF DIVERSION

^{*}UTM location was derived from PLSS - see Help



Wetland 14453 feet



April 6, 2022

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

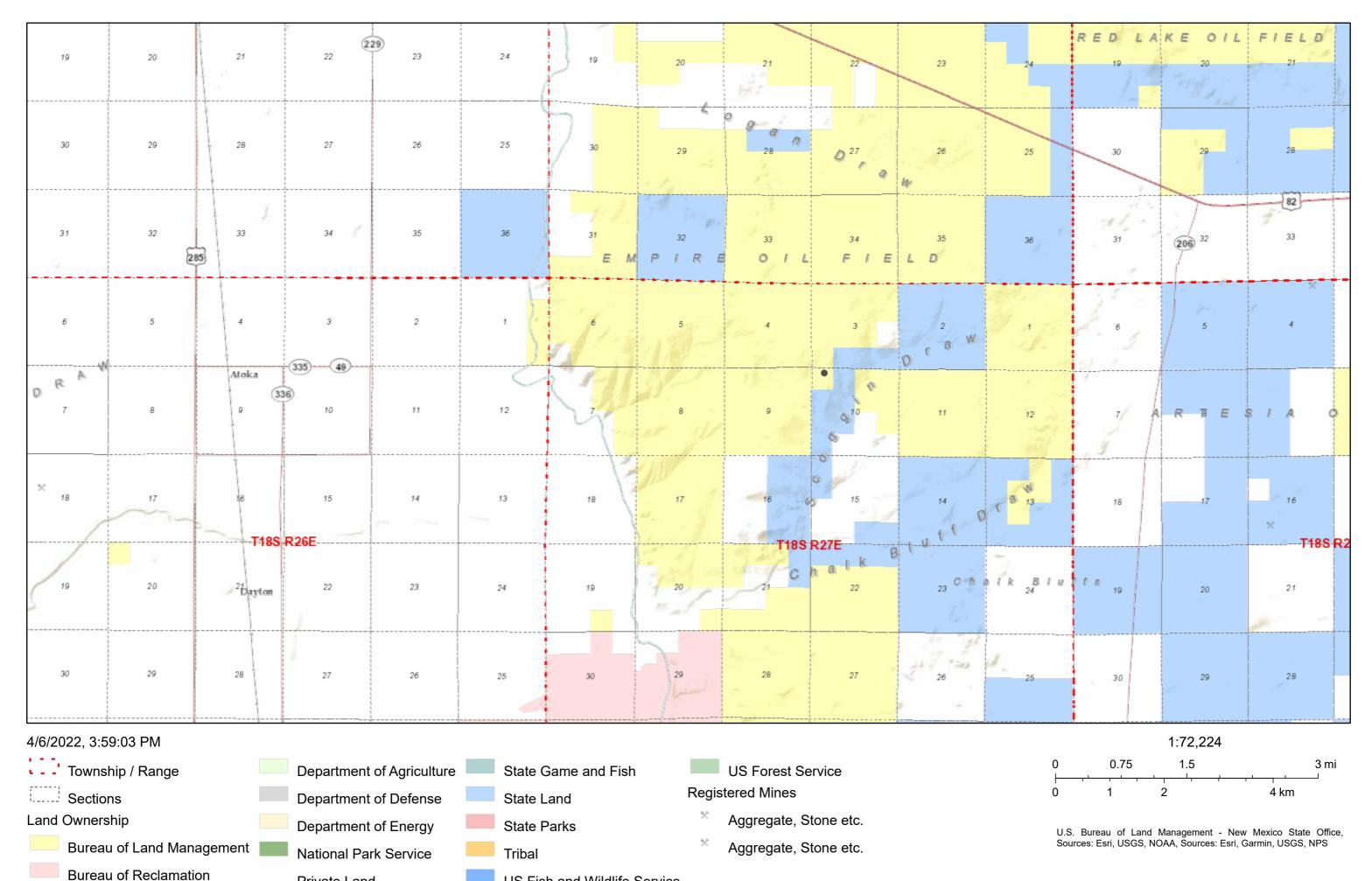
Lake

Riverine



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

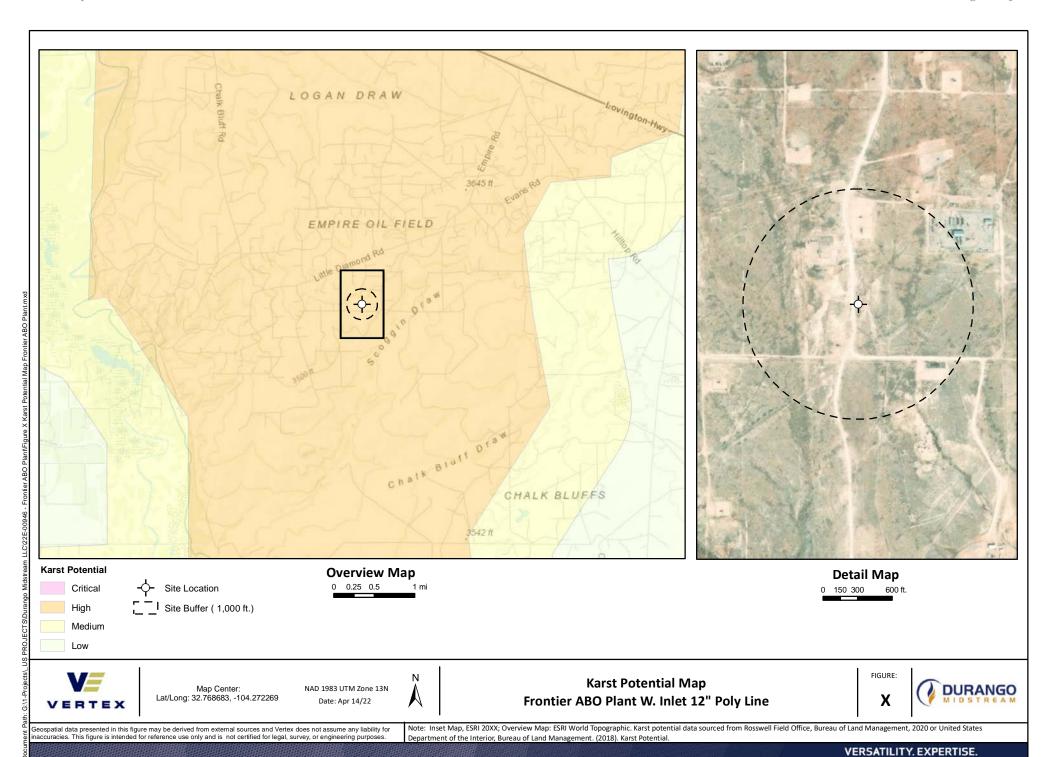
Active Mines in New Mexico



US Fish and Wildlife Service

Private Land

Received by OCD: 8/21/2024 2:20:46 PM



Released to Imaging: 9/12/2024 9:23:41 AM

ORelease To Imaging: 9/12/2024 9.923:41 AM

National Flood Hazard Layer FIRMette





Legend SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect**

----- Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available

No Digital Data Available

Unmapped

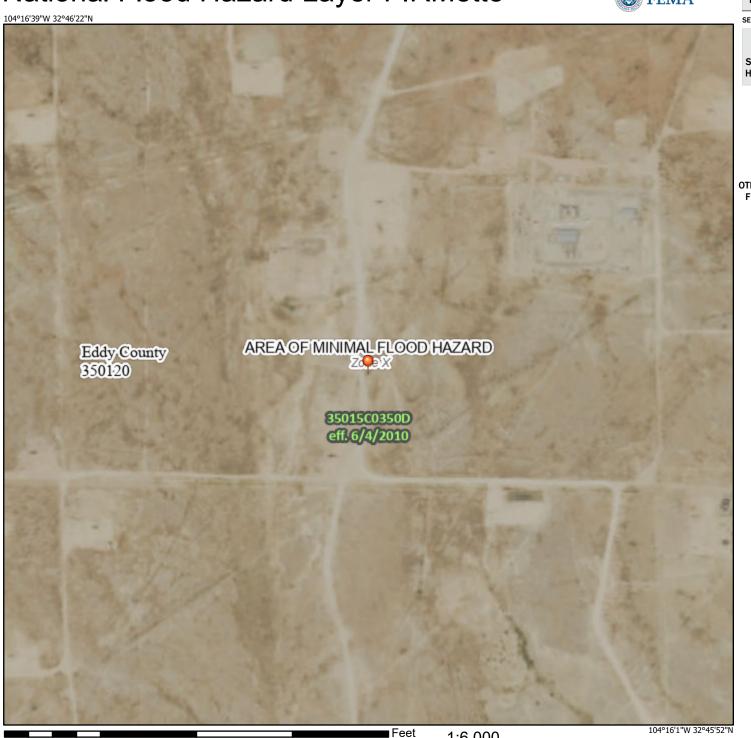
MAP PANELS

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/6/2022 at 5:01 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



2.000



NRCS

Natural Resources Conservation Service A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Eddy Area, New Mexico



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2 053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

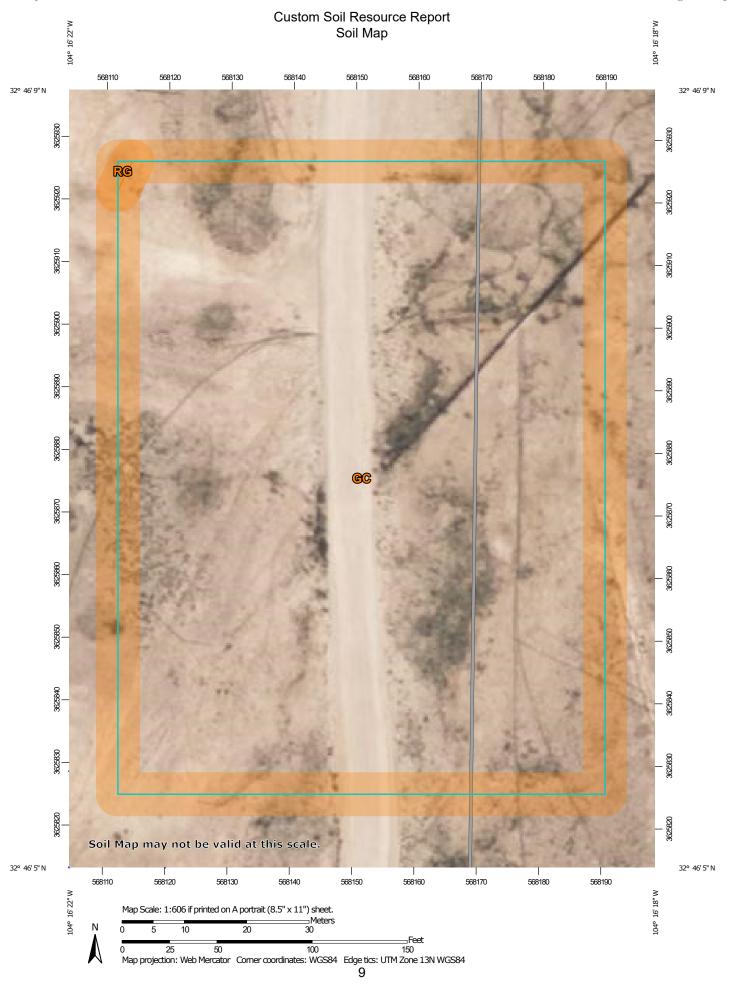
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

Area of Interest (AOI)

Soils

Soil Map Unit Polygons

-

Soil Map Unit Lines

Soil Map Unit Points

Special Point Features

©

Blowout

 \boxtimes

Borrow Pit

Ж

Clay Spot

 \Diamond

Closed Depression

36

Gravel Pit

...

Gravelly Spot

0

Landfill Lava Flow

٨

Marsh or swamp

@

Mine or Quarry

_

Miscellaneous Water

0

Perennial Water
Rock Outcrop

 \vee

. .

Saline Spot Sandy Spot

000

Severely Eroded Spot

_

Sinkhole

8

Slide or Slip

Ø

Sodic Spot

GEND

8

Spoil Area Stony Spot

M

Very Stony Spot

Ø

Wet Spot Other

Δ

Special Line Features

Water Features

_

Streams and Canals

Transportation

ransp

Rails

~

Interstate Highways

~

US Routes

 \sim

Major Roads Local Roads

~

Background

No.

Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20.000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GC	Gypsum land-Cottonwood complex, 0 to 3 percent slopes	2.0	99.9%
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	0.0	0.1%
Totals for Area of Interest		2.0	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the

development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An association is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Eddy Area, New Mexico

GC—Gypsum land-Cottonwood complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4g Elevation: 1,250 to 5,000 feet

Mean annual precipitation: 10 to 25 inches Mean annual air temperature: 57 to 66 degrees F

Frost-free period: 190 to 225 days

Farmland classification: Not prime farmland

Map Unit Composition

Gypsum land: 60 percent

Cottonwood and similar soils: 30 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope Landform position (three-dimensional): Side slope, crest, nose slope, head slope

Down-slope shape: Convex Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Description of Cottonwood

Setting

Landform: Ridges, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope Landform position (three-dimensional): Side slope, crest, nose slope, head slope

Down-slope shape: Convex Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam H2 - 8 to 60 inches: bedrock

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 3 to 12 inches to paralithic bedrock

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high

(0.20 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Gypsum, maximum content: 5 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 6s

Hydrologic Soil Group: D

Ecological site: R042XC006NM - Gyp Upland

Hydric soil rating: No

Minor Components

Cottonwood

Percent of map unit: 5 percent

Ecological site: R042XC033NM - Salty Bottomland

Hydric soil rating: No

Rock outcrop

Percent of map unit: 5 percent

Hydric soil rating: No

RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5f Elevation: 1,250 to 5,000 feet

Mean annual precipitation: 10 to 25 inches
Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 190 to 235 days

Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 55 percent

Gypsum land: 30 percent Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope Landform position (three-dimensional): Side slope, crest, nose slope, head slope

Down-slope shape: Convex Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam H2 - 8 to 32 inches: clay loam

H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately

low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 25 percent

Gypsum, maximum content: 80 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0

Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): 3s Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope Landform position (three-dimensional): Side slope, crest, nose slope, head slope

Down-slope shape: Convex Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components

Largo

Percent of map unit: 5 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent

Ecological site: R042XC033NM - Salty Bottomland

Hydric soil rating: No

Reagan

Percent of map unit: 5 percent

Ecological site: R042XC007NM - Loamy Hydric soil rating: No

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Ecological site R042XC006NM Gyp Upland

Accessed: 04/06/2022

General information

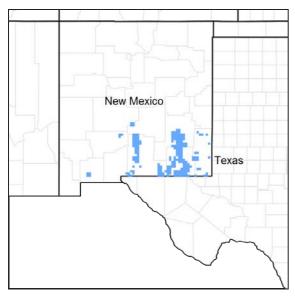


Figure 1. Mapped extent

Areas shown in blue indicate the maximum mapped extent of this ecological site. Other ecological sites likely occur within the highlighted areas. It is also possible for this ecological site to occur outside of highlighted areas if detailed soil survey has not been completed or recently updated.

Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

Physiographic features

This site occurs on valley floors, plains, fan piedmonts, piedmont slopes or relic lakebeds on basins. The parent material consists of mixed alluvium and or eolian deposits derived from sedimentary rock or residuum weathered from gypsum. Slopes range from 0 to 35 percent and average less than 8 percent. The soil does not meet hydric critera, the calcium carbonate equivalent with in the control section is less than 20 percent and gypsum percent greater than 40 percent. Elevations range from 2,800 to 5,000 feet.

Table 2. Representative physiographic features

Landforms	(1) Fan piedmont(2) Fan remnant(3) Basin-floor remnant
Flooding duration	Very brief (4 to 48 hours)
Flooding frequency	None to occasional
Ponding duration	Very brief (4 to 48 hours)

Ponding frequency	None to rare
Elevation	2,800–5,000 ft
Slope	0–35%
Aspect	Aspect is not a significant factor

Climatic features

The frost free season ranges from 180 to 221 days between early April and late October. The optimum growing season of the major native warm season plants coincides with the summer rains during June, July, August, and September. However, plants can make some growth at any time during the frost free period when moisture is available and minimum daily temperatures stay above 51 degrees F.

Vegetation on this site will be limited to plants which can take advantage of moisture at the time it falls, since the soil profiles have large amounts of available water for short periods of time and then rapidly dry. The majority of precipitation comes in the form of high intensity, short duration thunderstorms. Little or no available moisture can be stored in the soil profiles of this site. Strong winds from the southwest blow during January through June which accelerate soil drying within the plant root zone and further discourage cool season plant growth or occupancy of the site.

Climate data was obtained from http://www.wrcc.sage.dri.edu/summary/climsmnm.html web site using 50% probability for freeze-free and frost-free seasons using 28.5 degrees F and 32.5 degrees F respectively.

Table 3. Representative climatic features

Frost-free period (average)	221 days
Freeze-free period (average)	240 days
Precipitation total (average)	13 in

Influencing water features

This site is not influenced by water from wetlands or streams.

Soil features

Soils are shallow to moderately deep to gypsum material. Surface and subsurface textures range from loam, fine sandy loam or sandy loam. Substratum is a dense layers of soft or cemented gypsum material and gypsiferous earth at various depths. The gypsum materials commonly outcrop to the surface as inclusions of raw gypsumland which are void of vegetation and not part of the ecological site. In the lower part of the profile the semi indurated gypsum and caliche make up about 75 percent of the mass and are restrictive to root development. The plant, soil, air, water relationship is poor. The site has a droughty appearance because of the soils inability to support a dense stand of vegetation. If unprotected by plant cover or organic residue, the soil becomes easily wind blown and water eroded.

Minimum and maximum values listed below represent the characteristic soils for this site.

Characteristic Soils:

Holloman

Alamogordo

Aztec

Cottonwood

McCullough

Malargo

Reeves

Reflection

Yesum

Table 4. Representative soil features

<u> </u>	
Surface texture	(1) Gypsiferous fine sandy loam(2) Loam(3) Sandy loam
Family particle size	(1) Loamy
Drainage class	Moderately well drained to well drained
Permeability class	Moderately slow to moderate
Soil depth	25–72 in
Surface fragment cover <=3"	0–3%
Surface fragment cover >3"	0–1%
Available water capacity (0-40in)	4–8 in
Calcium carbonate equivalent (0-40in)	5–30%
Electrical conductivity (0-40in)	2–16 mmhos/cm
Sodium adsorption ratio (0-40in)	0–1
Soil reaction (1:1 water) (0-40in)	7.4–8.6
Subsurface fragment volume <=3" (Depth not specified)	0–8%
Subsurface fragment volume >3" (Depth not specified)	0%

Ecological dynamics

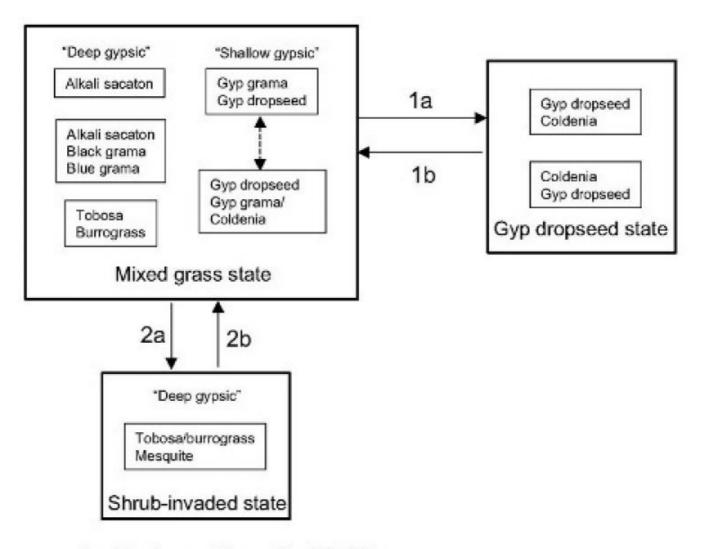
Overview

The vegetation of this site often intergrades with that of Loamy sites, depending on the amounts of gypsum, soil texture, and depths of gypsic horizons. Low-lying areas where run-in water occurs behave like draws. Areas where gypsum outcrops are exposed harbor little vegetation. Gyp Uplands may intergrade with the Salt Flats site depending on salinity levels. Thus, the vegetation of this site is very patchy, variable, and difficult to characterize. The historic plant community types that are likely to be associated with the gyp uplands site include 1) an alkali sacaton (*Sporobolus airoides*) and black grama (*Bouteloua eriopoda*) or blue grama (*B. gracilis*)-dominated community associated with soils having relatively deep (> 10 ") gypsic horizons and 2) a gyp grama (*Bouteloua breviseta*) and gyp dropseed (*Sporobolus nealleyi*)-dominated community on soils with shallow (< 10") gypsic horizons. Tobosa (*Pleuraphis mutica*), burrograss (*Scleropogon brevifolius*), and/or saltbush (*Atriplex canescens*) may also dominate depending on texture, land-use history, or other features. The subshrub Coldenia (Coldenia spp) increasingly dominates sites with very shallow gypsic horizons as grasses decline. Gyp upland sites are susceptible to erosion when vegetation cover is reduced due to drought and overgrazing. Mesquite (*Prosopis glandulosa*) may invade soils with deeper gypsic horizons within the site that are dominated by tobosa or burrograss. Erosion of A horizons bring gypsic horizons closer to the surface and can shift community composition to dominance by gyp dropseed, coldenia, and bare soil.

State and transition model

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State-Transition model: MLRA 42, SD-2 & 3, Gyp Upland



- 1a. Erosion and loss of soil fertility
- Soil addition
- Reduced fire or heavy grazing with shrub seed addition
- 2b. Shrub removal

Figure 4.

State 1 Historic Climax Plant Community

Community 1.1 Historic Climax Plant Community

This site has a grassland aspect with patches of bare or lichen covered soil surface exposed between patches of vegetation. The potential plant community is dominated by alkali sacaton, short and mid grass perennials and forbs, with half shrubs and shrubs sparsely and evenly distributed.

Mixed grassland State: Alkali sacaton, black grama, and blue grama (only in SD-3) dominate soils that have relatively deep gypsic horizons that are deeper than 10" (e.g. Reeves series). Saltbush may be an abundant shrub. Alkali sacaton cover may be continuous in run-in settings surrounded by sparsely vegetated areas (alkali sacaton community). On fine-silty or fine loamy calcareous gypsid soils (e.g. Milner or Reeves series), tobosa or burrograss

may be dominant. Dominance by burrograss or tobosa might represent grazing-induced retrogression from an alkali sacaton-grama community type on these soils, but this has not been confirmed. In some cases, saltbush may be extremely dominant, (e.g. Malargo series) but it is not clear why. Gyp grama, black grama, and gyp dropseed dominate soils with shallow gypsic horizons and gyp dropseed, mormon tea (Ephedra spp.), and coldenia tend to dominate where the gypsic horizon is shallowest (< 3"). These communities exhibit low production, perhaps due to the comparatively shallow infiltration in gypsic soil and other chemical properties (Campbell and Campbell 1938). Outcrops of gypsum, often revealing a whitish floury mass at the surface, may be devoid of vegetation. Heavy grazing may reduce grama grasses and increase the dominance of gyp dropseed and coldenia, but it is important to recognize that these plants may dominate some patches without heavy grazing. Soil degradation due to surface compaction and reduced infiltration may be important on this site and result in reduced grass cover. Slight variations in the depth to the gypsic horizon, whether human induced or not, exert a powerful control on plant community composition. Where gypsic horizons are deep, soil texture or soil chemistry may govern composition.

Diagnosis: Soils with deeper gypsic horizons should have continuous grass cover with a high representation of alkali sacaton and black grama. Shallower soils should have gyp grama and black grama but gyp outcrops will be dominated by gyp dropseeds or coldenia. Depending upon the depths to a gypsic horizon, large (< 1 m) bare patches may be common but they should not be common where the depth to gypsic horizon is greater than 5". This site has a grassland aspect with patches of bare or lichen covered soil surface exposed between patches of vegetation. The potential plant community is dominated by alkali sacaton, short and mid grass perennials and forbs, with half shrubs and shrubs sparsely and evenly distributed.

Table 5. Annual production by plant type

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	
Grass/Grasslike	300	470	640
Forb	45	71	96
Shrub/Vine	30	47	64
Total	375	588	800

Table 6. Ground cover

Tree foliar cover	0%				
Shrub/vine/liana foliar cover					
Grass/grasslike foliar cover	25%				
Forb foliar cover	0%				
Non-vascular plants	0%				
Biological crusts					
Litter	16%				
Surface fragments >0.25" and <=3"	0%				
Surface fragments >3"	0%				
Bedrock	0%				
Water					
Bare ground	57%				

Figure 6. Plant community growth curve (percent production by month). NM2806, R042XC006NM Gyp Upland HCPC. R042XC006NM Gyp Upland HCPC Warm Season Plant Community.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0	0	0	5	10	10	25	30	15	5	0	0

State 2

Transition to gyp dropseed

Community 2.1

Transition to gyp dropseed

Transition to gyp dropseed state (1a): Reduced grass cover caused by poor grazing management and/or drought may result in erosion of surface horizons. As the depth to the gypsic horizon decreases, plant communities will become increasingly dominated by gyp dropseed and/or coldenia. Mechanical disturbance of the soil surface and soil degradation may contribute to this effect.

Key indicators of approach to transition: Increased bare ground, pedestalling, water flow patterns, blowouts, and eventually the loss of the A horizon.

State 3

Transition to shrub-invaded state

Community 3.1

Transition to shrub-invaded state

Transition to shrub-invaded state (2a): Reduced grass cover in deep gypsic soils may result in mesquite invasion.

Key indicators of approach to transition: Increasing bare ground, presence of mesquite seedlings.

Shrub-invaded: On deep gypsic soils and soils with less strong gypsic horizons (i.e. have a lower percentage of gypsum) within this site, mesquite may invade and cause some reduction in grass cover due to competition with grasses. These communities are dominated by tobosa or burrograss. Saltbush may also be an important component. It is not known if shrub presence and resulting erosion may result in the loss of dominant perennial grasses across broad areas on gypsic soils. As soil characteristics grade toward those of the loamy ecological site, widespread grass loss may be increasingly probable.

Diagnosis: Moderate densities of mesquite, bare ground patches associated with mesquite patches.

State 4

Transition to mixed grassland (2b)

Community 4.1

Transition to mixed grassland (2b)

Transition to mixed grassland (2b): Shrub removal may result in the eventual recovery of perennial grasses.

Gyp dropseed: These communities are dominated by gyp dropseed or coldenia, and often exhibit high amounts of bare ground and exposed gypsum at the surface. Gyp grama, black grama, and alkali sacaton may persist in small patches, especially in low-lying spots receiving run-in water and/or in which soils are protected from erosion. The frequency with which these community types represent degradation from mixed grassland due to poor management versus "natural" is unknown. The conditions under which gyp dropseed and coldenia dominate are unknown.

Diagnosis: Dominance by gyp dropseed or coldenia, high amounts of bare ground, sometimes associated with a high cover of microbiotic crusts.

State 5

Transition to mixed grassland (1b)

Community 5.1

Transition to mixed grassland (1b)

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Transition to mixed grassland (1b): Restoration or recovery of a non-gypsic A horizon would be required.

Information sources and theoretical background: Communities, states, and transitions are based upon information in the ecological site description and observations by Brandon Bestelmeyer, Jornada Experimental Range and David Trujillo, NRCS. Information on the the role of gypsum in concert with soil chemical features in determining plant composition is sorely needed.

Additional community tables

Table 7. Community 1.1 plant community composition

Group	Common Name	Symbol	Scientific Name	Annual Production (Lb/Acre)	Foliar Cove (%)
Grass	Grasslike			!	
1	Warm Season			266–323	
	alkali sacaton	SPAI	Sporobolus airoides	266–323	
2	Warm Season			29–88	
	black grama	BOER4	Bouteloua eriopoda	29–88	_
3	Warm Season			6–59	
	gypsum grama	BOBR	Bouteloua breviseta	6–59	-
4	Warm Season	<u>I</u>	1	18–88	
	bush muhly	MUPO2	Muhlenbergia porteri	18–88	
	plains bristlegrass	SEVU2	Setaria vulpiseta	18–88	
5	Warm Season	<u>!</u>		6–18	
	gyp dropseed	SPNE	Sporobolus nealleyi	6–18	_
6	Warm Season	'	•	6–18	
	sand dropseed	SPCR	Sporobolus cryptandrus	6–18	_
7	Warm Season	'	•	6–18	
	blue grama	BOGR2	Bouteloua gracilis	6–18	_
8	Warm Season	'	18–88		
	threeawn	ARIST	Aristida	18–88	_
	low woollygrass	DAPU7	Dasyochloa pulchella	18–88	_
	ear muhly	MUAR	Muhlenbergia arenacea	18–88	_
Shrub)/Vine	<u>'</u>	-	-	
9	Shrub			18–41	
	fourwing saltbush	ATCA2	Atriplex canescens	18–41	_
	jointfir	EPHED	Ephedra	18–41	_
	littleleaf sumac	RHMI3	Rhus microphylla	18–41	_
10	Shrub	•	•	6–18	
	javelina bush	COER5	Condalia ericoides	6–18	_
	knifeleaf condalia	COSP3	Condalia spathulata	6–18	_
	crown of thorns	KOSP	Koeberlinia spinosa	6–18	_
11	Cactus	•	6–18		
	pricklypear	OPUNT	Opuntia	6–18	-
	yucca	YUCCA	Yucca	6–18	
Forb				-	
12	Forb			29–59	

	woody crinklemat	TICAC	Tiquilia canescens var. canescens	29–59	_
13	Forb			6–88	
	Forb, annual	2FA	Forb, annual	6–88	_
	trailing windmills	ALIN	Allionia incarnata	6–88	_
	daisy	CHRYS2	Chrysanthemum	6–88	_
	golden tickseed	COTI3	Coreopsis tinctoria	6–88	_
	leatherweed	CRPOP	Croton pottsii var. pottsii	6–88	_
	Seven River Hills buckwheat	ERGY	Eriogonum gypsophilum	6–88	-
	blazingstar	MENTZ	Mentzelia	6–88	_
	fiddleleaf	NAMA4	Nama	6–88	_
	whitest evening primrose	OEAL	Oenothera albicaulis	6–88	_
	beardtongue	PENST	Penstemon	6–88	_
	Texan phacelia	PHINT	Phacelia integrifolia var. texana	6–88	_
	white milkwort	POAL4	Polygala alba	6–88	_
	desert unicorn-plant	PRAL4	Proboscidea althaeifolia	6–88	_
	whitestem paperflower	PSCO2	Psilostrophe cooperi	6–88	_
	threadleaf ragwort	SEFLF	Senecio flaccidus var. flaccidus	6–88	_
	Hopi tea greenthread	THME	Thelesperma megapotamicum	6–88	_

Animal community

This site provides habitats which support a resident animal community that is characterized by coyote, hooded skunk, desert cottontail, whitethroated woodrat, sparrow hawk, cactus wern, scaled quail, logggerhead shrike, mourning dove, and a number of ground nesting birds including, varied bunting, grasshopper sparrow, and Baird's sparrow Texas horned lizard, lesser earless lizard, and western diamondback rattlesnake.

Fourwing saltbush, littleleaf sumac, spiny allthorn, common javilinabush, and knifeleaf condalia provide protective cover for scaled quail. Seed, green herbage and fruit from a variety of grasses, forbs and shrubs provide food for a number of birds and mamals, including scaled and Gambel's quail, mourning dove and prairie dogs. The fruit of tesajo cactus is relished by quail.

Hydrological functions

The runoff curve numbers are determined by field investigations using hydraulic cover conditions and hydrologic soil groups.

Hydrologic Interpretations
Soil Series Hydrologic Group
Cottonwood C
Holloman C
Yesum B
Alamogordo B
Aztec C
Malargo B
Reeves C

Recreational uses

Reflection B

This site offers recreation potential for hiking, horseback riding, rock, gem, and mineral collecting, nature observation and photography, and quail, dove, and predator hunting.

During years of abundant moisture, a colorful array of wildflowers can be observed from spring through fall.

Wood products

This site provides little or no wood products other than curiosities and small furniture which can be made from the roots and stems of mesquite where it has invaded the site. The woody pods of devils claw are also used in curiosities.

Other products

This site is suitable for grazing during all seasons of the year. Care must be taken to leave enough vegetation cover for soil protection during windy and rainy periods or severe soil erosion will result. About 300 pounds per acre of total vegetation and litter is minimal for soil protection. This site is best suited and most efficiently utilized by cattle. It can also be utilized by small numbers of goats and sheep in combination with cattle where control or protection from predators can be provided. Grazing management that results in a mosaic of use patterns provides diversity for wildlife.

Other information

Guide to Suggested Initial Stocking Rate Acres per Animal Unit Month

Similarity Index Ac/AUM 100 - 76 5.5 - 8.0 75 - 51 7.5 - 11.0 50 - 26 11.0 - 15.0 25 - 0 25.0 +

Type locality

Location 1: Eddy County,	NM
Township/Range/Section	T26S R24E S27

Other references

Contributors

Don Sylvester

Dr. Brandon Bestelmeyer

Rangeland health reference sheet

Interpreting Indicators of Rangeland Health is a qualitative assessment protocol used to determine ecosystem condition based on benchmark characteristics described in the Reference Sheet. A suite of 17 (or more) indicators are typically considered in an assessment. The ecological site(s) representative of an assessment location must be known prior to applying the protocol and must be verified based on soils and climate. Current plant community cannot be used to identify the ecological site.

Author(s)/participant(s)	
Contact for lead author	

Date	
Approved by	
Approval date	
Composition (Indicators 10 and 12) based on	Annual Production

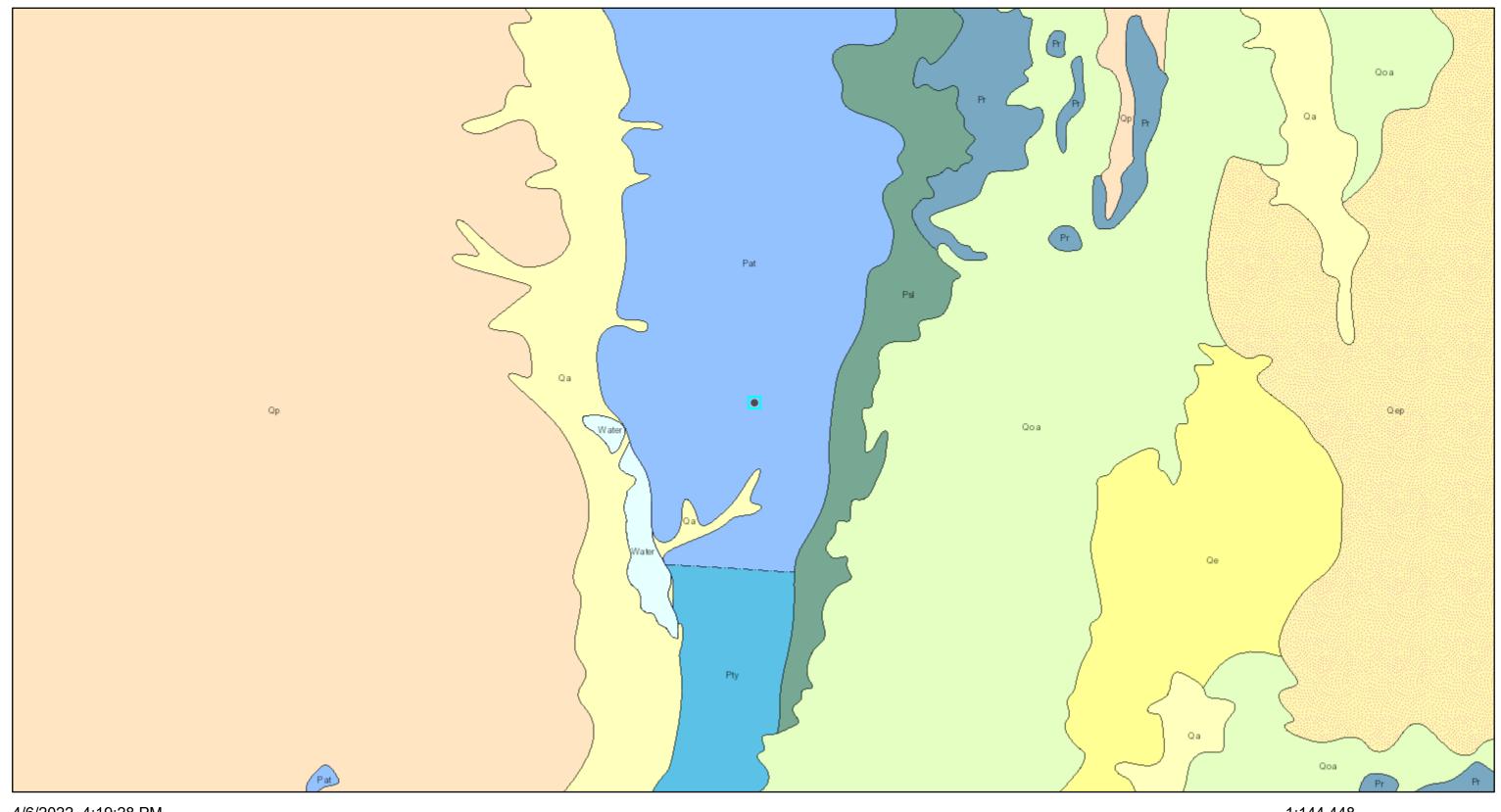
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Inc	licators
1.	Number and extent of rills:
2.	Presence of water flow patterns:
3.	Number and height of erosional pedestals or terracettes:
4.	Bare ground from Ecological Site Description or other studies (rock, litter, lichen, moss, plant canopy are not bare ground):
5.	Number of gullies and erosion associated with gullies:
6.	Extent of wind scoured, blowouts and/or depositional areas:
7.	Amount of litter movement (describe size and distance expected to travel):
8.	Soil surface (top few mm) resistance to erosion (stability values are averages - most sites will show a range of values):
9.	Soil surface structure and SOM content (include type of structure and A-horizon color and thickness):
10.	Effect of community phase composition (relative proportion of different functional groups) and spatial distribution on infiltration and runoff:
11.	Presence and thickness of compaction layer (usually none; describe soil profile features which may be mistaken for compaction on this site):
12.	Functional/Structural Groups (list in order of descending dominance by above-ground annual-production or live

foliar cover using symbols: >>, >, = to indicate much greater than, greater than, and equal to):

ecei	Ved by OCD: 8/21/2024 2:20:40 PM Page 1	20 of
	Dominant:	
	Sub-dominant:	
	Other:	
	Additional:	
13.	Amount of plant mortality and decadence (include which functional groups are expected to show mortality decadence):	or
14.	Average percent litter cover (%) and depth (in):	
15.	Expected annual annual-production (this is TOTAL above-ground annual-production, not just forage annua production):	l-
16.	Potential invasive (including noxious) species (native and non-native). List species which BOTH characterized degraded states and have the potential to become a dominant or co-dominant species on the ecological sit their future establishment and growth is not actively controlled by management interventions. Species that become dominant for only one to several years (e.g., short-term response to drought or wildfire) are not invasive plants. Note that unlike other indicators, we are describing what is NOT expected in the reference for the ecological site:	e if
17.	Perennial plant reproductive capability:	

ArcGIS Web Map





QI—Landslide deposits and colluvium (Holocene to Pleistocene) — Landslide deposits on western flanks of Socorro Mountains not shown for clarity

Elevation Program, Geographic Names Information System, National

Qpl—Lacustrine and playa deposits (Holocene) — Includes associated alluvial and eolian deposits of major lake basins

Type Piedmont alluvial deposits (Holocene to lower Pleistocene)

USGS The National Boundaries Dataset, 3DEP

Elevation Program, Geographic Names Information System, National

Hydrography Dataset, National Land Cover Database, National

Structures Dataset, and National Transportation Dataset; USGS

Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS

Qe—Eolian deposits (Holocene to middle Pleistocene)

ATTACHMENT 5

Client Name: Durango Midstream Site Name: ABO Plant W

NMOCD Tracking #: nAPP2207742550

Project #: 22E-00946

Lab Reports: E210061, E211020, E211021, E211022, E211116

	Sample Descrip	able 2. Confirma		eld Screeni		<u> </u>	,	_					
•	diffpie Descrip	, cion					Petroleum Hydrocarbons Volatile Extractable						Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compounds	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Benzene (mg/kg)	BTEX (Total)	(GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(BRO + DRO)	Total Petroleum	3) Chloride Concentration
BES22-01	22'	10/11/2022	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
BES22-02	22'	10/11/2022	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
BES22-03	22'	2022-10-11	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND
BES22-04	10'	2022-10-27	-	27	415	ND	ND	ND	ND	ND	ND	ND	41
BES22-05	10'	2022-10-27	-	8	363	ND	ND	ND	ND	ND	ND	ND	41.2
BES22-06	10'	2022-10-27	-	17	392	ND	ND	ND	ND	ND	ND	ND	40.5
BES22-07	10'	2022-10-27	-	23	320	ND	ND	ND	ND	ND	ND	ND	40.7
BES22-08	6'	2022-10-27	-	32	300	ND	ND	ND	ND	ND	ND	ND	47.7
BES22-09	6'	2022-10-27	-	52	285	ND	ND	ND	ND	ND	ND	ND	55.9
BES22-10	6'	2022-10-27	-	48	347	ND	ND	51500	ND	ND	51500	51500	62.3
PL322-10	7'	2022-11-16		27	440	ND	ND	ND	ND	ND	ND	ND	ND
BES22-11	6'	2022-10-27	-	35	412	ND	ND	ND	ND	ND	ND	ND	49.1
	0-5'	2022-10-27	-	37	280	ND	ND	ND	ND	ND	ND	ND	ND
	5-10'	2022-10-27	-	390	157	ND	ND	ND	259	216	259	475	ND
WES22-01	10-15'	2022-10-27	-	375	265	ND	ND	ND	193	175	193	368	ND
	15-20'	2022-10-27	-	90	230	ND	ND	ND	ND	ND	ND	ND	ND
	20-22'	2022-10-27	-	82	235	ND	ND	ND	ND	ND	ND	ND	201
WES22-02	0-5'	2022-10-27	-	72	312	ND	ND	ND	ND	ND	ND	ND	ND
	5-10'	2022-10-27	-	58	182	ND	ND	ND	ND	ND	ND	ND	ND
	10-15'	2022-10-27	-	63	282	ND	ND	ND	ND	ND	ND	ND	ND
	15-20'	2022-10-27	-	75	273	ND	ND	ND	ND	ND	ND	ND	ND
	20-22'	2022-10-27	-	55	290	ND	ND	ND	ND	ND	ND	ND	ND
	0-5'	2022-10-27	-	42	190	ND	ND	ND	ND	ND	ND	ND	ND
WEC22 02	5-10'	2022-10-27	-	70	210	ND ND	ND	ND	ND	ND	ND	ND	ND
WES22-03	10-15'	2022-10-27		23 27	212 282	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND
	15-20'	2022-10-27	-	69	290	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	20-22' 0-5'	2022-10-27 2022-10-27	-	47	212	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	5-10'	2022-10-27		27	195	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	29.1
WES22-04	10-15'	2022-10-27		34	213	ND ND	ND ND	ND	ND ND	ND	ND	ND	108
WESEE OF	15-20'	2022-10-27	_	30	220	ND ND	ND ND	ND	ND	ND	ND	ND	29.1
	20-22'	2022-10-27		80	280	ND	ND	ND	ND	ND	ND	ND	208
	0-5'	2022-10-27	-	82	282	ND	ND	ND	ND	ND	ND	ND	87
	5-10'	2022-10-28	-	78	262	ND	ND	ND	ND	ND	ND	ND	ND
WES22-05	10-15'	2022-10-28	-	64	247	ND	ND	ND	ND	ND	ND	ND	ND
	15-20'	2022-10-28	-	20	263	ND	ND	ND	ND	ND	ND	ND	118
	20-22'	2022-10-28	-	22	191	ND	ND	ND	ND	ND	ND	ND	ND
WEC22 OC	0-5'	2022-10-28	-	35	171	ND	ND	ND	ND	ND	ND	ND	ND
WES22-06	5-10'	2022-10-28	-	65	257	ND	ND	ND	ND	ND	ND	ND	ND
WEC22 07	0-3'	2022-10-28	-	68	290	ND	ND	ND	ND	ND	ND	ND	28.9
WES22-07	3-6'	2022-10-28	-	27	312	ND	ND	ND	ND	ND	ND	ND	ND
WES22-08	0-3'	2022-10-28	-	75	324	ND	ND	ND	ND	ND	ND	ND	ND
VV E322-U8	3-6'	2022-10-28	-	47	225	ND	ND	ND	ND	ND	ND	ND	95.7
WES22-09	0-3'	2022-10-28	-	70	215	ND	ND	ND	ND	ND	ND	ND	ND
VV E3ZZ-U9	3-6'	2022-10-28	-	64	247	ND	ND	ND	ND	ND	ND	ND	ND
WES22-10	0-3'	2022-10-28	-	68	191	ND	ND	ND	ND	ND	ND	ND	ND
VV L322-1U	3-6'	2022-10-28	-	84	240	ND	ND	ND	ND	ND	ND	ND	ND
WES22-11	0-3'	2022-10-28	-	65	242	ND	ND	ND	ND	ND	ND	ND	ND
44 F355-11	3-6'	2022-10-28	-	42	280	ND	ND	ND	ND	ND	ND	ND	107
	0-5'	2022-10-28		23	282	ND	ND	ND	ND	ND	ND	ND	28.9



Client Name: Durango Midstream Site Name: ABO Plant W

NMOCD Tracking #: nAPP2207742550

Project #: 22E-00946

Lab Reports: E210061, E211020, E211021, E211022, E211116

	Table 2. Confirmatory Sample Field Screen and Laboratory Results - Depth to Groundwater <50 feet bgs												
	Sample Description Field Screening				Petrole	um Hydro	carbons						
			spu			Vol	atile			Extractable	;		Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile Organic Compound (PID)	Extractable Organic Compounds (PetroFlag)	Chloride Concentration	Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration
			(ppm)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
WES22-13	6-10'	2022-10-28	-	64	215	ND	ND	ND	ND	ND	ND	ND	202
	10-15'	2022-10-28	-	52	220	ND	ND	ND	ND	ND	ND	ND	122
WES22-14	15-20'	2022-10-28	-	68	182	ND	ND	ND	ND	ND	ND	ND	122
	20-22'	2022-10-28	-	47	215	ND	ND	ND	ND	ND	ND	ND	41.6

[&]quot;ND" Not Detected at the Reporting Limit

Bold and grey shaded indicates exceedance outside of NMOCD Closure Criteria Bold and green shaded indicates resampling and under NMOCD Closure Criteria



[&]quot;-" indicates not analyzed/assessed

ATTACHMENT 6

Sally Carttar

From: Dhugal Hanton <vertexresourcegroupusa@gmail.com>

Sent: April 14, 2022 3:05 PM

To: Monica Peppin

Subject: Fwd: nAPP2207742550 Abo Plant 48 HR Notification of Confirmation Sampling

----- Forwarded message ------

From: Dhugal Hanton <vertexresourcegroupusa@gmail.com>

Date: Thu, Apr 14, 2022 at 3:03 PM

Subject: nAPP2207742550 Abo Plant 48 HR Notification of Confirmation Sampling

To: Enviro, OCD, EMNRD <OCD.Enviro@state.nm.us>, CFO Spill, BLM NM
blm nm cfo spill@blm.gov>

AII,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled confirmatory sampling to be conducted for the following releases:

nAPP2207742550 DOR: 2/24/2022 Site Name: Abo Plant W. Inlet 12" Poly Line

This work will be completed on behalf of Frontier Field Services, LLC.

On Tuesday, April 19, 2022 at approximately 9:00 a.m., Jason Crabtree will be on site to conduct confirmatory sampling and will go into Wednesday April 20, 2022. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin

Sr. Environmental Technician

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880

www.vertex.ca

Sally Carttar

From: Dhugal Hanton <vertexresourcegroupusa@gmail.com>

Sent: August 12, 2022 1:27 PM

To: CFO_Spill, BLM_NM; Enviro, OCD, EMNRD

Cc: mmoffit@vertex.ca; agroves@durangomidstream.com

Subject: nAPP2207742550 48 HR Notification Confirmation Sampling ABO Plant

AII,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2207742550 DOR: 2/24/2022 Site Name: Abo Plant W. Inlet 12" Poly Line

This work will be completed on behalf of Frontier Field Services, LLC

On Tuesday, August 16, 2022 through August 18, 2022 at approximately 8:00 a.m., Michael Barnes will be on site to conduct confirmatory sampling to assess the release listed above. He can be reached at 575-361-2689. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

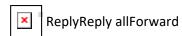
Monica Peppin

Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca



From: Dhugal Hanton <vertexresourcegroupusa@gmail.com>

Sent: September 19, 2022 4:28 PM

To: CFO_Spill, BLM_NM; Enviro, OCD, EMNRD

Cc: agroves@durangomidstream.com; Monica Peppin

Subject: 48 HR Notification Abo Plant W. Inlet Confirmatory Sampling

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2207742550 DOR: 2/24/2022 Site Name: Abo Plant W. Inlet 12" Poly Line

This work will be completed on behalf of Frontier Field Services, LLC

On Thursday, September 22, 2022 at approximately 8:00 a.m., Monica Peppin will be on site to conduct confirmatory sampling to assess the release listed above. She can be reached at 575-361-9880. If you need directions to the site, please do not hesitate to contact her. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin

Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

From: Dhugal Hanton vertexresourcegroupusa@gmail.com>

Sent: October 7, 2022 9:06 AM

To: CFO_Spill, BLM_NM; Enviro, OCD, EMNRD

Cc: Monica Peppin; agroves@durangomidstream.com

Subject: nAPP2207742550 48 HR Confirmatory Sample Notification Abo Plant

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2207742550 DOR: 2/24/2022 Site Name: Abo Plant W. Inlet 12" Poly Line

This work will be completed on behalf of Frontier Field Services, LLC

On Tuesday, October 11, 2022 through Friday, October 14, 2022 at approximately 8:00 a.m., McKitric Weir will be on site to conduct confirmatory sampling to assess the release listed above. He can be reached at 575-361-9639. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin

Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

From: Dhugal Hanton vertexresourcegroupusa@gmail.com>

Sent: October 20, 2022 1:33 PM

To: CFO_Spill, BLM_NM; Enviro, OCD, EMNRD

Cc: Monica Peppin; agroves@durangomidstream.com

Subject: nAPP2207742550 48 HR Confirmatory Sample Notification Abo Plant

All,

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2207742550 DOR: 2/24/2022 Site Name: Abo Plant W. Inlet 12" Poly Line

This work will be completed on behalf of Frontier Field Services, LLC

On Thursday, October 27, 2022 through Friday, October 28, 2022 at approximately 8:00 a.m., McKitric Weir and Monica Peppin will be onsite to conduct additional confirmatory sampling to assess the release listed above. He can be reached at 575-361-9639. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin

Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

From: Dhugal Hanton vertexresourcegroupusa@gmail.com>

Sent: November 10, 2022 3:55 PM

To: CFO_Spill, BLM_NM; Enviro, OCD, EMNRD

Cc: Monica Peppin; agroves@durangomidstream.com

Subject: nAPP2207742550 48 HR Confirmatory Sample Notice Abo Plant

All.

Please accept this email as 48-hr notification that Vertex Resource Services has scheduled a confirmatory sampling to be conducted for the following release:

nAPP2207742550 DOR: 2/24/2022 Site Name: Abo Plant W. Inlet 12" Poly Line

This work will be completed on behalf of Frontier Field Services, LLC

On Wednesday, November 16, 2022 at approximately 8:00 a.m., McKitric Weir will be onsite to conduct additional confirmatory sampling to assess the release listed above. He can be reached at 575-361-9639. If you need directions to the site, please do not hesitate to contact him. If you have any questions or concerns regarding this notification, please give me a call at 575-361-9880.

Thank you,

Monica Peppin

Project Manager

Vertex Resource Services Inc. 3101 Boyd Drive, Carlsbad, NM 88220

P 575.725.5001 Ext. 711 C 575.361.9880 F

www.vertex.ca

ATTACHMENT 7

Report to:
Michael Moffit



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name: ABO Plant W

Work Order: E210061

Job Number: 21080-0001

Received: 10/13/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/19/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 10/19/22

Michael Moffit 10077 Grogans Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: ABO Plant W

Workorder: E210061

Date Received: 10/13/2022 10:30:00AM

Michael Moffit,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/13/2022 10:30:00AM, under the Project Name: ABO Plant W.

The analytical test results summarized in this report with the Project Name: ABO Plant W apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan Technical Representative

Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Durango Midstream	Project Name:	ABO Plant W	Reported:
10077 Grogans Mill Rd Ste 300	Project Number:	Project Number: 21080-0001	
The Woodlands TX, 77380	Project Manager:	Michael Moffit	10/19/22 15:00

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BS22 - 01 22'	E210061-01A Soil	10/11/22	10/13/22	Glass Jar, 4 oz.
BS22 - 02 22'	E210061-02A Soil	10/11/22	10/13/22	Glass Jar, 4 oz.
BS22 - 03 22'	E210061-03A Soil	10/11/22	10/13/22	Glass Jar, 4 oz.



Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	10/19/2022 3:00:17PM

BS22 - 01 22'

E210061-01

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: RKS		Batch: 2242063
ND	0.0250	1	10/13/22	10/14/22	
ND	0.0250	1	10/13/22	10/14/22	
ND	0.0250	1	10/13/22	10/14/22	
ND	0.0250	1	10/13/22	10/14/22	
ND	0.0500	1	10/13/22	10/14/22	
ND	0.0250	1	10/13/22	10/14/22	
	101 %	70-130	10/13/22	10/14/22	
mg/kg	mg/kg	Analy	rst: RKS		Batch: 2242063
ND	20.0	1	10/13/22	10/14/22	
	78.6 %	70-130	10/13/22	10/14/22	
mg/kg	mg/kg	Analy	rst: JL		Batch: 2242065
ND	25.0	1	10/14/22	10/14/22	
ND	50.0	1	10/14/22	10/14/22	
	108 %	50-200	10/14/22	10/14/22	
7		Anals	rst: RAS		Batch: 2242056
mg/kg	mg/kg	Anary	St. 10/15		Batch. 2242030
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 ND 20.0250 78.6 % mg/kg Mg/kg mg/kg ND 25.0 ND 50.0	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 mg/kg mg/kg Analy ND 20.0 1 78.6 % 70-130 70-130 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 108 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/13/22 ND 0.0250 1 10/13/22 ND 0.0250 1 10/13/22 ND 0.0500 1 10/13/22 ND 0.0250 1 10/13/22 ND 0.0250 1 10/13/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/13/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/14/22 ND 50.0 1 10/14/22 ND 50.0 1 10/14/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/13/22 10/14/22 ND 0.0250 1 10/13/22 10/14/22 ND 0.0250 1 10/13/22 10/14/22 ND 0.0500 1 10/13/22 10/14/22 ND 0.0250 1 10/13/22 10/14/22 ND 0.0250 1 10/13/22 10/14/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/13/22 10/14/22 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/13/22 10/14/22 mg/kg mg/kg Analyst: JL ND 25.0 1 10/14/22 10/14/22 ND 50.0 1 10/14/22 10/14/22 ND 50.0 1 10/14/22 10/14/22

Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	10/19/2022 3:00:17PM

BS22 - 02 22'

E21	0061	-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2242063
Benzene	ND	0.0250	1	10/13/22	10/14/22	
Ethylbenzene	ND	0.0250	1	10/13/22	10/14/22	
Toluene	ND	0.0250	1	10/13/22	10/14/22	
o-Xylene	ND	0.0250	1	10/13/22	10/14/22	
p,m-Xylene	ND	0.0500	1	10/13/22	10/14/22	
Total Xylenes	ND	0.0250	1	10/13/22	10/14/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/13/22	10/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2242063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/22	10/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.0 %	70-130	10/13/22	10/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2242065
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/22	10/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/22	10/14/22	
Surrogate: n-Nonane		108 %	50-200	10/14/22	10/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2242056
Chloride	ND	200	10	10/13/22	10/14/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	10/19/2022 3:00:17PM

BS22 - 03 22'

E210061-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: RKS		Batch: 2242063
Benzene	ND	0.0250	1	10/13/22	10/14/22	
Ethylbenzene	ND	0.0250	1	10/13/22	10/14/22	
Toluene	ND	0.0250	1	10/13/22	10/14/22	
o-Xylene	ND	0.0250	1	10/13/22	10/14/22	
p,m-Xylene	ND	0.0500	1	10/13/22	10/14/22	
Total Xylenes	ND	0.0250	1	10/13/22	10/14/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	10/13/22	10/14/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2242063
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/22	10/14/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.0 %	70-130	10/13/22	10/14/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2242065
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/22	10/14/22	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/22	10/14/22	
Surrogate: n-Nonane		114 %	50-200	10/14/22	10/14/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: RAS		Batch: 2242056
Chloride	ND	200	10	10/13/22	10/14/22	· · · · · · · · · · · · · · · · · · ·



QC Summary Data

ABO Plant W Durango Midstream Project Name: Reported: 10077 Grogans Mill Rd Ste 300 Project Number: 21080-0001 The Woodlands TX, 77380 Project Manager: Michael Moffit 10/19/2022 3:00:17PM **Volatile Organics by EPA 8021B** Analyst: IY Source RPD Reporting Spike Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2242063-BLK1) Prepared: 10/13/22 Analyzed: 10/14/22 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.39 8.00 105 70-130 LCS (2242063-BS1) Prepared: 10/13/22 Analyzed: 10/14/22 4.95 5.00 99.0 70-130 0.0250 Benzene Ethylbenzene 4.86 0.0250 5.00 97.1 70-130 70-130 Toluene 5.02 0.0250 5.00 100 5.01 100 70-130 o-Xylene 0.0250 5.00 9.81 0.0500 10.0 98.1 70-130 p,m-Xylene 14.8 98.8 70-130 0.0250 15.0 Total Xylenes 104 70-130 8.00 Surrogate: 4-Bromochlorobenzene-PID 8.28

Matrix Spike (2242063-MS1)			Source:	E210060-0)4	Prepared: 10/13/22 Analyzed: 10/14/22	
Benzene	4.89	0.0250	5.00	ND	97.9	54-133	
Ethylbenzene	4.83	0.0250	5.00	ND	96.5	61-133	
Toluene	4.97	0.0250	5.00	ND	99.5	61-130	
o-Xylene	4.96	0.0250	5.00	ND	99.2	63-131	
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	63-131	
Total Xylenes	14.7	0.0250	15.0	ND	98.2	63-131	
Surrogate: 4-Bromochlorobenzene-PID	8.12		8.00		102	70-130	

Matrix Spike Dup (2242063-MSD1)	atrix Spike Dup (2242063-MSD1)						Prepared: 10	0/13/22 Analyzed: 10/19/22
Benzene	4.72	0.0250	5.00	ND	94.5	54-133	3.58	20
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	61-133	0.616	20
Toluene	4.92	0.0250	5.00	ND	98.5	61-130	0.998	20
o-Xylene	5.00	0.0250	5.00	ND	100	63-131	0.871	20
p,m-Xylene	9.86	0.0500	10.0	ND	98.6	63-131	1.01	20
Total Xylenes	14.9	0.0250	15.0	ND	99.1	63-131	0.962	20
Surrogate: 4-Bromochlorobenzene-PID	8.29		8.00		104	70-130		



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Durango MidstreamProject Name:ABO Plant WReported:10077 Grogans Mill Rd Ste 300Project Number:21080-0001The Woodlands TX, 77380Project Manager:Michael Moffit10/19/20223:00:17PM

The Woodlands TX, 77380		Project Manage	r: M	ichael Moffit				10/	19/2022 3:00:17PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2242063-BLK1)							Prepared: 1	0/13/22 Anal	yzed: 10/14/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			
LCS (2242063-BS2)							Prepared: 1	0/13/22 Anal	yzed: 10/14/22
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.3	70-130			
Matrix Spike (2242063-MS2)				Source:	E210060-	04	Prepared: 1	0/13/22 Anal	yzed: 10/14/22
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			
Matrix Spike Dup (2242063-MSD2)				Source:	E210060-	04	Prepared: 1	0/13/22 Anal	yzed: 10/14/22
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.7	70-130	2.09	20	

8.00

7.69

96.2

70-130



QC Summary Data

Durango MidstreamProject Name:ABO Plant WReported:10077 Grogans Mill Rd Ste 300Project Number:21080-0001The Woodlands TX, 77380Project Manager:Michael Moffit10/19/20223:00:17PM

The woodlands 1A, 7/380		Project Manager	1. IVII	chael Mollit				1	0/19/2022 3.00.17F1
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2242065-BLK1)							Prepared: 1	0/14/22 An	alyzed: 10/14/22
tiesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	58.6		50.0		117	50-200			
LCS (2242065-BS1)							Prepared: 1	0/14/22 An	alyzed: 10/14/22
riesel Range Organics (C10-C28)	230	25.0	250		92.2	38-132			
urrogate: n-Nonane	56.9		50.0		114	50-200			
Matrix Spike (2242065-MS1)				Source:	E210065-0	01	Prepared: 1	0/14/22 An	alyzed: 10/14/22
tiesel Range Organics (C10-C28)	236	25.0	250	ND	94.3	38-132			
urrogate: n-Nonane	52.3		50.0		105	50-200			
Matrix Spike Dup (2242065-MSD1)				Source:	E210065-0)1	Prepared: 1	0/14/22 An	alyzed: 10/14/22
tiesel Range Organics (C10-C28)	240	25.0	250	ND	96.1	38-132	1.89	20	
urrogate: n-Nonane	54.8		50.0		110	50-200			



261

574

640

LCS (2242056-BS1)

Matrix Spike (2242056-MS1)

Matrix Spike Dup (2242056-MSD1)

Chloride

Chloride

Chloride

Prepared: 10/13/22 Analyzed: 10/14/22

Prepared: 10/13/22 Analyzed: 10/14/22

Prepared: 10/13/22 Analyzed: 10/14/22

20

90-110

80-120

80-120

10.9

104

78.5

105

Source: E210060-01

Source: E210060-01

378

QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300		Project Name: Project Number:					Reported:					
The Woodlands TX, 77380	Project Manager: Michael Moffit						10/19/2022 3:00:17PM					
Anions by EPA 300.0/9056A Ana												
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2242056-BLK1)]	Prepared: 10	0/13/22 A	Analyzed: 10/14/22			
Chloride	ND	20.0										

250

250

250

20.0

20.0

20.0

OC Summary	Report	Comment

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

ſ	Durango Midstream	Project Name:	ABO Plant W	
ı	10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
l	The Woodlands TX, 77380	Project Manager:	Michael Moffit	10/19/22 15:00

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Project	Informatio

Chain of Custody

	2	1
Page	1 of	I

Client: Durango Bill To					Bill To		T		Li	ab Us	se On	ly		T			TA	EPA P	rogram		
Project:	ABO	lant	W		Attention:			Lab	WO#	#		Job 1	lum	ber	11) 2	D	3D	Standard	CWA	SDWA
	1anager:	MM	offit		Address: On	File		E	210	α		210	20	D-C	IC				K		
Address:					City, State, Zip							Analy	sis ar	nd Meth	nod						RCRA
City, Stat					Phone:				by o												
Phone:	() w	File		Email:				ORC											State	
Email:									NRO/	77	00	0	0.00		N N				NM CO	UT AZ	TX
Report d	1				1			1	3/01	v 80	826	601	fe 30	- 1		- 1	ž				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		RGDOC		86000			Remarks	
9:45	10/11	5071	1	B622-01		22,			V	V			/								
10:00	1			BS22-02	2	22'	a		<u> </u>				1								
10:15	1	1	1	B522-03		22'	3														
						4															
																T					
																T					
						59										T					
Jh.																1					
Addition	al Instruc	tions:	<u> </u>	Michael	Maffit +	Moniz	a Po	200) { N		L					A				***************************************	
I, (field samp	ler), attest to	the validity	and authenti	city of this sample. I am	ware that tampering with or	intentionally mislab	elling the sample	logati	ion,			Samples	requir	ng therma	! preser	vation	must	be rece	ived on ice the day	they are sample	d or received
date or time	of collection	is considered	fraud and m	nay be grounds for legal a	ction. / Jample	M. Wie	<u>'r </u>			-		packed i	n ice a	ar avg te	mp abov	e O b	ut less	than 6°	C on subsequent da	75	
Relinquishe	d by: (Signa	ture)	Date	122 105 C	Received by (Sign	alule)	10-07	3	B	13	ク	Recei	ived	on ice:		Lab		Only	У	The state of the s	
	by (Signa		Date	2-120 Time 4	Received by: (Sign	ature)	1 10/12	17	Time	7:3	2	T1			T2	י			T3		
Relinguishe	d by: (Signa	ture)	Date	Time	Received by: (Sign	ature)	Date		Time			AVG	Tom	n°C	4	•	-				
Famous # 4 c s a	iv: 5 . Soil So	. Solid Se	Sludge A A	queous, O - Other			Container	Turk	0.0-0	lare		-	minutes make		herel	255	V 1	/OA			
					ss other arrangements are	made Hazardo													port for the and	hair of the	have
					or with this COC. The lish										and C	PERM		-116	portion the dile	A NO PLEASE	MOVE

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Printed: 10/13/2022 3:15:35PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

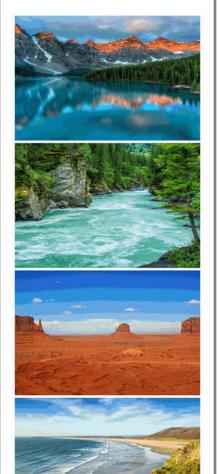
Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Durango Midstream	Date Received:	10/13/22 10	0:30	W	ork Order ID:	E210061
Phone:	(575) 676-3500	Date Logged In:	10/12/22 10	6:44	Le	ogged In By:	Caitlin Christian
Email:	mmoffit@vertex.ca	Due Date:		7:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does tl	ne sample ID match the COC?		Yes				
2. Does tl	ne number of samples per sampling site location ma	atch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	<u>IPS</u>		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•	Yes			Comments	/Resolution
Sample T	<u> Curn Around Time (TAT)</u>			Γ			
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	Cooler sample cooler received?		Yes				
	was cooler received in good condition?						
• .	g .		No				
	e sample(s) received intact, i.e., not broken?		No				
	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples a minutes of sampling	are received w/i 15	Yes				
13. If no	visible ice, record the temperature. Actual sampl	e temperature: 4°0	<u>C</u>				
	Container						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct container		Yes				
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes				
Field Lal	oel field sample labels filled out with the minimum in	formation:					
	ample ID?	ioimation.	Yes				
	pate/Time Collected?		Yes	L			
C	ollectors name?		No				
Sample F	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were p	preserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved	metals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiph	ase?	No				
27. If yes	, does the COC specify which phase(s) is to be ana	lyzed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborate	orv?	No				
	subcontract laboratory specified by the client and	-		Subcontract Lab	· na		
	istruction			Successifiant Eur	. 114		
CHERT	isti uction						

Date

Report to:
Michael Moffit



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name: ABO Plant W

Work Order: E211020

Job Number: 21080-0001

Received: 11/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/9/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/9/22

Michael Moffit 10077 Grogans Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: ABO Plant W

Workorder: E211020

Date Received: 11/3/2022 10:22:00AM

Michael Moffit,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/3/2022 10:22:00AM, under the Project Name: ABO Plant W.

The analytical test results summarized in this report with the Project Name: ABO Plant W apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

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Technical Representative Office: 505-421-LABS(5227)

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Sample Summary

Durango Midstream	Project Name:	ABO Plant W	Reported:
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/09/22 13:40

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BS22-04 10'	E211020-01A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
BS22-05 10'	E211020-02A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
BS22-06 10'	E211020-03A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
BS22-07 10'	E211020-04A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
BS22-08 6'	E211020-05A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
BS22-09 6'	E211020-06A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
BS22-10 6'	E211020-07A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
BS22-11 6'	E211020-08A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-01 0-5'	E211020-09A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-01 5-10'	E211020-10A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-01 10-15	E211020-11A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-01 15-20	E211020-12A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-01 20-22	E211020-13A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-02 0-5	E211020-14A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-02 5-10	E211020-15A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-02 10-15	E211020-16A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-02 15-20	E211020-17A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-02 20-22	E211020-18A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-03 0-5	E211020-19A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-03 5-10	E211020-20A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

BS22-04 10' E211020-01

		E211020-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		86.3 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2245051
Chloride	41.0	20.0	1	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

BS22-05 10'

		E211020-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		108 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2245051
Chloride	41.2	20.0	1	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

BS22-06 10'

		E211020-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		115 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2245051
Chloride	40.5	20.0	1	11/04/22	11/07/22	·



Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

BS22-07 10'

E211020-04							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245041	
Benzene	ND	0.0250	1	11/03/22	11/04/22		
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22		
Toluene	ND	0.0250	1	11/03/22	11/04/22		
o-Xylene	ND	0.0250	1	11/03/22	11/04/22		
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22		
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22		
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/03/22	11/04/22		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	11/03/22	11/04/22		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2245038	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22		
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22		
Surrogate: n-Nonane		117 %	50-200	11/04/22	11/04/22		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: KL		Batch: 2245051	
Chloride	40.7	20.0	1	11/04/22	11/07/22		



Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

BS22-08 6'

E211020-05						
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		141 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: KL		Batch: 2245051
Chloride	47.7	20.0	1	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

BS22-09 6'

		E211020-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		109 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2245051
Chloride	55.9	20.0	1	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

BS22-10 6'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	51500	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		103 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: KL		Batch: 2245051
Chloride	62.3	20.0	-	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

BS22-11 6'

		E211020-08				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		108 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: KL		Batch: 2245051
Chloride	49.1	20.0	1	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-01 0-5'

		D .:				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	_
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		108 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2245051
Chloride	ND	200	10	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-01 5-10'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	259	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	216	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		115 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2245051
			10	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-01 10-15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/07/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/07/22	
Toluene	ND	0.0250	1	11/03/22	11/07/22	
o-Xylene	ND	0.0250	1	11/03/22	11/07/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/07/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/07/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/03/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	11/03/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	193	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	175	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		114 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2245051
Chloride	ND	200	10	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-01 15-20

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		114 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2245051
Chloride	ND	200	10	11/04/22	11/08/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-01 20-22

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		117 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2245051
Chloride	201	200	10	11/04/22	11/08/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-02 0-5

E211020-14						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		115 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: KL		Batch: 2245051
Chloride	ND	200	10	11/04/22	11/08/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-02 5-10

		Reporting				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY	<u>-</u>	Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		116 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: KL		Batch: 2245051
Chloride	ND	200	10	11/04/22	11/08/22	



Anions by EPA 300.0/9056A

Chloride

Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-02 10-15

		E211020-16					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	:: IY		Batch: 2245041
Benzene	ND	0.0250		1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250		1	11/03/22	11/05/22	
Toluene	ND	0.0250		1	11/03/22	11/05/22	
o-Xylene	ND	0.0250		1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500		1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250		1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130		11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	:: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130		11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	:: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/22	11/05/22	
Surrogate: n-Nonane		113 %	50-200		11/04/22	11/05/22	

200

mg/kg

ND

Analyst: KL

10

11/04/22

11/08/22



Batch: 2245051

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-02 15-20

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		109 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: KL		Batch: 2245051
Chloride	ND	200	10	11/04/22	11/08/22	·



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-02 20-22

		Donostin a				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/07/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/07/22	
Toluene	ND	0.0250	1	11/03/22	11/07/22	
o-Xylene	ND	0.0250	1	11/03/22	11/07/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/07/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/07/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/03/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	11/03/22	11/07/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		116 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: KL		Batch: 2245051
Chloride	ND	200	10	11/04/22	11/08/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-03 0-5 E211020-19

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		112 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: KL		Batch: 2245051
Chloride	ND	200	10	11/04/22	11/08/22	



Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/9/2022 1:40:52PM

WS22-03 5-10

		E211020-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	/st: IY		Batch: 2245041
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2245041
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2245038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		116 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: KL		Batch: 2245051
Chloride	ND	200	10	11/04/22	11/08/22	



QC Summary Data

ABO Plant W Durango Midstream Project Name: Reported: 10077 Grogans Mill Rd Ste 300 Project Number: 21080-0001 The Woodlands TX, 77380 Project Manager: Michael Moffit 11/9/2022 1:40:52PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2245041-BLK1) Prepared: 11/03/22 Analyzed: 11/04/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.45 8.00 106 70-130 LCS (2245041-BS1) Prepared: 11/03/22 Analyzed: 11/04/22 4.86 97.3 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.73 0.0250 5.00 94.7 70-130 4.89 0.0250 5.00 97.8 70-130 Toluene 97.9 o-Xylene 4.90 0.0250 5.00 70-130 9.61 10.0 96.1 70-130 0.0500 p.m-Xvlene 96.7 70-130 14.5 15.0 Total Xylenes 0.0250 8.00 107 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.56 Matrix Spike (2245041-MS1) Source: E211020-03 Prepared: 11/03/22 Analyzed: 11/04/22 5.08 0.0250 5.00 ND 54-133 Benzene ND 99.2 61-133 Ethylbenzene 4.96 0.0250 5.00 Toluene 5.11 0.0250 5.00 ND 102 61-130 ND 102 63-131 5.10 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.59 8.00 Matrix Spike Dup (2245041-MSD1) Source: E211020-03 Prepared: 11/03/22 Analyzed: 11/04/22 5.32 0.0250 5.00 ND 54-133 4.63 61-133 5.19 0.0250 5.00 ND 104 4.62 20 Ethylbenzene 61-130 Toluene 5.35 0.0250 5.00 ND 107 4 58 20 5.34 5.00 ND 107 63-131 4.44 20 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

105

106

106

63-131

63-131

70-130

4.65

4.58

20

20



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

10.5

15.9

8.48

QC Summary Data

ABO Plant W Durango Midstream Project Name: Reported: 10077 Grogans Mill Rd Ste 300 Project Number: 21080-0001

The Woodlands TX, 77380		Project Manage	r: M	ichael Moffit				1	1/9/2022 1:40:52PM
	Non	Analyst: IY							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2245041-BLK1)							Prepared: 1	1/03/22 Ana	alyzed: 11/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			
LCS (2245041-BS2)							Prepared: 1	1/03/22 Ana	alyzed: 11/07/22
Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.7	70-130			
Matrix Spike (2245041-MS2)				Source:	E211020-0)3	Prepared: 1	1/03/22 Ana	alyzed: 11/04/22
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			
Matrix Spike Dup (2245041-MSD2)				Source:	E211020-0)3	Prepared: 1	1/03/22 Ana	alyzed: 11/04/22
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130	9.62	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			

QC Summary Data

Durango MidstreamProject Name:ABO Plant WReported:10077 Grogans Mill Rd Ste 300Project Number:21080-0001The Woodlands TX, 77380Project Manager:Michael Moffit11/9/20221:40:52PM

The woodlands 1A, 7/380		Project Manager	. IVII	chael Mollit					11/9/2022 1.40.32FF
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2245038-BLK1)							Prepared: 1	1/04/22 Ar	nalyzed: 11/04/22
iesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	56.9		50.0		114	50-200			
.CS (2245038-BS1)							Prepared: 1	1/04/22 Ar	nalyzed: 11/04/22
riesel Range Organics (C10-C28)	233	25.0	250		93.3	38-132			
urrogate: n-Nonane	54.9		50.0		110	50-200			
Aatrix Spike (2245038-MS1)				Source:	E211020-0	04	Prepared: 1	1/04/22 Ar	nalyzed: 11/04/22
riesel Range Organics (C10-C28)	240	25.0	250	ND	96.2	38-132			
urrogate: n-Nonane	54.6		50.0		109	50-200			
Matrix Spike Dup (2245038-MSD1)				Source:	E211020-0	04	Prepared: 1	1/04/22 Ar	nalyzed: 11/04/22
riesel Range Organics (C10-C28)	234	25.0	250	ND	93.6	38-132	2.76	20	
urrogate: n-Nonane	57.3		50.0		115	50-200			



QC Summary Data

The Woodlands TX, 77380	Project Manager:	Michael Moffit EPA 300.0/9056A	11/9/2022 1:40:52PM Analyst: KL
Durango Midstream 10077 Grogans Mill Rd Ste 300	Project Name: Project Number:	ABO Plant W 21080-0001	Reported:

Anions by EPA 300.0/9056A									Analyst: KL		
Analyte	Result Limit Level Result Rec Limits RPD Limit								N.		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2245051-BLK1)							Prepared:	11/04/22 Ar	nalyzed: 11/07/22		
Chloride	ND	20.0									
LCS (2245051-BS1)							Prepared:	11/04/22 Ar	nalyzed: 11/07/22		
Chloride	249	20.0	250		99.5	90-110					
Matrix Spike (2245051-MS1)				Source:	E211020-0	01	Prepared:	11/04/22 Ar	nalyzed: 11/07/22		
Chloride	289	20.0	250	41.0	99.3	80-120					
Matrix Spike Dup (2245051-MSD1)				Source:	E211020-0	01	Prepared:	11/04/22 Ar	nalyzed: 11/07/22		
Chloride	290	20.0	250	41.0	99.7	80-120	0.369	20			

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Michael Moffit	11/09/22 13:40

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Received by OCD: 8/21/2024 2:20:46 PM

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f 26	00
	f 26

Client: Duran y o				RUSH?	La	b Use Only			An	alysis	and M	ethod		lab (Only
Project: Abo Pla	JW.			1d		Lab WO#									X/N
Sampler: M. Wur				3d	PE2	11020								L	(s) ,
Phone:					100000000000000000000000000000000000000	b Number	015			300.0				mbe	Prsrv
Email(s):					210	1000-080	by 801	8021	418.1	by 30				ab Number	ont/
Project Manager: M. De	ppin			Pag		6	JRO J	by 8(de b				Lak	ct C
Sample	ID	Sample Date '	Time	Matrix	-	ntainers YPE/Preservative	GRO/DRO	BTEX	ТРН by	Chloride					Correct Cont/Prsrv (s) Y/N
WS22-01	10-15	THE WIND		Soil	20	r jar	V	1	1	/				11	
M235-01	15-20		10:55		1									12	
M299-01	20-22		11:00											13	
W522-02	0-5		11:05											14	
W522-02	5-10		11:10											15	
M295-05	10-15		11:15											16	
WS22-02	15-20		11:20											17	
MS22-02	20-23		11:25											18	
WS22-03	0-5		11:30			1								19	
W522-03	5-10		11:35			1	1							10	
Relinquished by: (Signature)	Date Time	Received	by: (Signat	(type)	11-2-2	3.00 **	Recei	ved (on Ic		b Use (/ N	Only			
Relinguished by: (Signature)	(1-)-22 4:15	Received	by: (Signat	ture)	11/3/2L	Time T1.	G Ter	- np °(2 4	T2_ O			T3_		
Sample Matrix: S - Soil, Sd - Solid, Sg - Slu			0.0			Container Type: g	- glas	s, p -	poly	/plas	tic, ag -	amber	glass, v	- VOA	
**Samples requiring thermal preservation		ney are sampled o			The second second		C on sub	seque	nt da	ys.					
Sample(s) dropped off after hours to	o a secure drop off area.		Chain of	custody	inotes/ Billin	g iiilo.									
Canvir	otech	والمعادمين والتوكونون	.w	-11.0002.200		95-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6-6			.000-			8	TA CLASS		
Analytic	al Laboratory	170.000.000	ighway 64, Farmin ngs • 65 Mercado S		Durango, (O 81301	Ph (505) 632-0 Ph (970) 259-0							laboratory@en	wirotech-in wirotech-in	

Received by OCD: 8/21/2024 2:20:46 PM

Client: Duran a o	Amber Gra	N 62		RUSH?	Lal	o Use Only			Anal	ysis an	d Metho	d	lab (Only
Project: Abo Plan	it W.			1d	l	.ab WO#							175	Z.
Sampler: M. Weir				3d	PE21	1020							_	(s) /
Phone:						b Number	3015			300.0			Number	Prsr
Email(s):					210	1000-080	by 8	8021	418.1	y 30			N C	ont/
Project Manager: Moni	ca Pappin	T		Page		6	DRO	by 8(y 41	de b			Lat	C C
Sample	e ID	Sample Date	Sample Time	Matrix		rtainers /PE/Preservative	GRO/DRO by 8015	BTEX by 8	трн by	Chloride by				Correct Cont/Prsrv (s) Y/N
BS22-04	10'	10-11-12	0:00	56:1	20	2 jar	V	1	1	/			1	
B522 - 05	101	10-217-22	0:05	1									2	
B522-06	101	10-27-221	0:10									V als	3	
B522-07	101	1027-22	10:15						Ш	Ш			4	
B522-08	6	10-27-221	0:10			8							5	
B522-09	61	10-27-20	10:25										6	
BS22-10		10-27-221	0:30										7	
R522-11	6	10-27-221	0:35										8	
WS22-01	0-51	10-27-221	0:40										9	
WS22-01	5-101	10-27-221		ı	l		/		1				10	
Relinquished by: (Signature)	Date Time	Received by	(Signati	ure)	11-2-22	7:00 **F	Recei	ved o	n Ice	Lab U	se Only			
Relinquistred by: (Signature)	11-2-2+ 415	Received by	y: (Signati	ure)	11/3/N	IO:22 T1_AV	G Ter	- np °C	4	.D		Т3		
Sample Matrix: S - Soil, Sd - Solid, Sg - Slu						Container Type: g					ag - amb	er glass, v	- VOA	
**Samples requiring thermal preservation	- M	The state of the s		cked in ice at Custody	an avg temp abov		on sub	sequer	nt days	-				\dashv
Sample(s) dropped off after hours	о а зесиге огор оп агеа.		iiaiii Ul	Custouy	reces, billing									
Convir	otech											MAY ASTA	No. of the last	See State



Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

Printed: 11/3/2022 12:00:56PM

Envirotech Analytical Laboratory

ent: Durango Midstream Date Received:	11/03/2	2 10:22	Work Order ID: E211020
one: (575) 676-3500 Date Logged In:	11/03/2	2 11:47	Logged In By: Irene Yazzie
nail: mmoffit@vertex.ca Due Date:		2 17:00 (5 day TAT)	
nain of Custody (COC)			
Does the sample ID match the COC?	Yes		
Does the number of samples per sampling site location match the C	O(_{Yes}		
Were samples dropped off by client or carrier?	Yes	Carrier: <u>UPS</u>	
Was the COC complete, i.e., signatures, dates/times, requested analy	yse ¥ ?es		
Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes		Comments/Resolution
ample Turn Around Time (TAT)			
Did the COC indicate standard TAT, or Expedited TAT?	Yes		
ample Cooler			
Was a sample cooler received?	Yes		
If yes, was cooler received in good condition?	Yes		
Was the sample(s) received intact, i.e., not broken?	Yes		
). Were custody/security seals present?	No		
1. If yes, were custody/security seals intact?	NA		
2. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2 Note: Thermal preservation is not required, if samples are received variables of sampling	°C Yes		
3. If no visible ice, record the temperature. Actual sample tempera	ture: 4	<u>°C</u>	
ample Container			
4. Are aqueous VOC samples present?	No		
5. Are VOC samples collected in VOA Vials?	NA		
6. Is the head space less than 6-8 mm (pea sized or less)?	NA		
7. Was a trip blank (TB) included for VOC analyses?	NA		
8. Are non-VOC samples collected in the correct containers?	Yes		
9. Is the appropriate volume/weight or number of sample containers colle	cteWes		
ield Label			
0. Were field sample labels filled out with the minimum information:			
Sample ID? Date/Time Collected?	Yes Yes		
Collectors name?	Yes		
imple Preservation	100		
. Does the COC or field labels indicate the samples were preserved?	No		
2. Are sample(s) correctly preserved?	NA		
4. Is lab filteration required and/or requested for dissolved metals?	No		
<u> [ultiphase Sample Matrix]</u>			
6. Does the sample have more than one phase, i.e., multiphase?	No		
. If yes, does the COC specify which phase(s) is to be analyzed?	NA		
abcontract Laboratory			
B. Are samples required to get sent to a subcontract laboratory?	No		
Was a subcontract laboratory specified by the client and if so who		Subcontract Lab: NA	
Client Instruction			

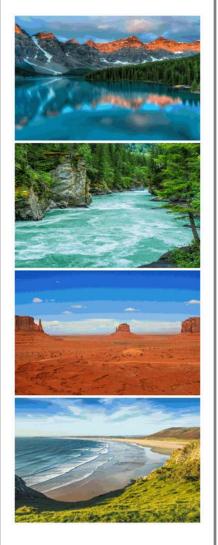
Signature of client authorizing changes to the COC or sample disposition.

envirotech Inc.

Date

Report to:

Monica Peppin



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name: ABO Plant W

Work Order: E211021

Job Number: 21080-0001

Received: 11/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/9/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/9/22

Monica Peppin 10077 Grogans Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: ABO Plant W

Workorder: E211021

Date Received: 11/3/2022 10:22:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/3/2022 10:22:00AM, under the Project Name: ABO Plant W.

The analytical test results summarized in this report with the Project Name: ABO Plant W apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Durango Midstream	Project Name:	ABO Plant W	Reported:
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/09/22 15:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
WS22-03 10-15	E211021-01A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-03 15-20	E211021-02A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-03 20-22	E211021-03A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-04 0-5	E211021-04A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-04 5-10	E211021-05A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-04 10-15	E211021-06A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-04 15-20	E211021-07A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-04 20-22	E211021-08A	Soil	10/27/22	11/03/22	Glass Jar, 2 oz.
WS22-05 0-5	E211021-09A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-05 5-10	E211021-10A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-05 10-15	E211021-11A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-05 15-20	E211021-12A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-05 20-22	E211021-13A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-06 0-5	E211021-14A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-06 5-10	E211021-15A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-07 0-3	E211021-16A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-07 3-6	E211021-17A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-08 0-3	E211021-18A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-08 3-6	E211021-19A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-09 0-3	E211021-20A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-03 10-15 E211021-01

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: IY		Batch: 2245042
ND	0.0250	1	11/03/22	11/04/22	
ND	0.0250	1	11/03/22	11/04/22	
ND	0.0250	1	11/03/22	11/04/22	
ND	0.0250	1	11/03/22	11/04/22	
ND	0.0500	1	11/03/22	11/04/22	
ND	0.0250	1	11/03/22	11/04/22	
	106 %	70-130	11/03/22	11/04/22	
mg/kg	mg/kg	Analys	st: IY		Batch: 2245042
ND	20.0	1	11/03/22	11/04/22	
	79.5 %	70-130	11/03/22	11/04/22	
mg/kg	mg/kg	Analys	st: JL		Batch: 2245044
ND	25.0	1	11/04/22	11/04/22	
ND	50.0	1	11/04/22	11/04/22	
	109 %	50-200	11/04/22	11/04/22	
mg/kg	mg/kg	Analys	st: RAS		Batch: 2245052
ND	200	10	11/04/22	11/07/22	
	mg/kg ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 MD 20.0250 mg/kg mg/kg MD 20.0 79.5 % mg/kg MD 25.0 ND 50.0 109 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Analys ND 20.0 1 79.5 % 70-130 70-130 mg/kg mg/kg Analys ND 25.0 1 ND 50.0 1 109 % 50-200 mg/kg mg/kg Analys	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 11/03/22 ND 0.0250 1 11/03/22 ND 0.0250 1 11/03/22 ND 0.0500 1 11/03/22 ND 0.0250 1 11/03/22 ND 0.0250 1 11/03/22 mg/kg mg/kg Analyst: IY ND 20.0 1 11/03/22 mg/kg mg/kg Analyst: JL ND 25.0 1 11/04/22 ND 50.0 1 11/04/22 ND 50.0 1 11/04/22 Mg/kg mg/kg Analyst: JL 11/04/22	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 11/03/22 11/04/22 ND 0.0250 1 11/03/22 11/04/22 ND 0.0250 1 11/03/22 11/04/22 ND 0.0500 1 11/03/22 11/04/22 ND 0.0250 1 11/03/22 11/04/22 ND 0.0250 1 11/03/22 11/04/22 mg/kg mg/kg Analyst: IY III/04/22 MD 20.0 1 11/03/22 11/04/22 mg/kg mg/kg Analyst: IY III/04/22 III/04/22 MD 20.0 1 11/03/22 11/04/22 MD 25.0 1 11/04/22 11/04/22 ND 50.0 1 11/04/22 11/04/22 ND 50.0 1 11/04/22 11/04/22 Mg/kg mg/kg Analys



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-03 15-20

		D '				
Analisa	D14	Reporting	Dilection	. D	A l	Nister
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.7 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		115 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2245052
Chloride	ND	100	5	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-03 20-22

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.3 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		109 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2245052
Chloride	ND	200	10	11/04/22	11/07/22	



Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-04 0-5

E211021-04						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/04/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/04/22	
Toluene	ND	0.0250	1	11/03/22	11/04/22	
o-Xylene	ND	0.0250	1	11/03/22	11/04/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/04/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/04/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/04/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.9 %	70-130	11/03/22	11/04/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		111 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2245052
Chloride	ND	200	10	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-04 5-10

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.6 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		115 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2245052
Chloride	29.1	20.0	1	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-04 10-15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.3 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		108 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2245052
Chloride	108	20.0	1	11/04/22	11/07/22	



Chloride

Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-04 15-20

		E211021-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.5 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		113 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2245052

20.0

29.1

11/04/22

11/07/22



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-04 20-22

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.8 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		105 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2245052
Chloride	208	200	10	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-05 0-5 E211021-09

		LEITOET 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
o,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.2 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	/st: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		116 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2245052
Chloride	87.0	20.0	1	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-05 5-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.9 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		113 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2245052
Chloride	ND	200	10	11/04/22	11/07/22	
•			10	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-05 10-15

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.0 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		116 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2245052
Chloride	118	20.0	1	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-05 15-20

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.6 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		110 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2245052
Chloride	ND	200	10	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-05 20-22

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.9 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		109 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2245052
Chloride	ND	200	10	11/04/22	11/07/22	



Anions by EPA 300.0/9056A

Chloride

Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-06 0-5

E211021-14							
Reporting							
Analyte	Result	Limit	Dilı	ation	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	IY		Batch: 2245042
Benzene	ND	0.0250		1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250		1	11/03/22	11/05/22	
Toluene	ND	0.0250		1	11/03/22	11/05/22	
o-Xylene	ND	0.0250		1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500		1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250		1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130		11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.2 %	70-130		11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0		1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0		1	11/04/22	11/05/22	
Surrogate: n-Nonane		113 %	50-200		11/04/22	11/05/22	

200

mg/kg

ND

Analyst: RAS

10

11/04/22

11/07/22



Batch: 2245052

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-06 5-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.5 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		109 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2245052
Chloride	ND	200	10	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-07 0-3

E211021-16						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.3 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		119 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2245052
Chloride	28.9	20.0	1	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-07 3-6

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.2 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		110 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: RAS		Batch: 2245052
Chloride	ND	200	10	11/04/22	11/07/22	·



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-08 0-3

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.1 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		116 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2245052
· · · · · · · · · · · · · · · · · · ·			10	11/04/22	11/07/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-08 3-6

E.2.	11	021	-19

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245042
Benzene	ND	0.0250	1	11/03/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22	
Toluene	ND	0.0250	1	11/03/22	11/05/22	
o-Xylene	ND	0.0250	1	11/03/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY			Batch: 2245042
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.7 %	70-130	11/03/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2245044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		117 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2245052
				·	11/08/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:18:45PM

WS22-09 0-3

		E211021-20								
Reporting										
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2245042				
Benzene	ND	0.0250	1	11/03/22	11/05/22					
Ethylbenzene	ND	0.0250	1	11/03/22	11/05/22					
Toluene	ND	0.0250	1	11/03/22	11/05/22					
o-Xylene	ND	0.0250	1	11/03/22	11/05/22					
p,m-Xylene	ND	0.0500	1	11/03/22	11/05/22					
Total Xylenes	ND	0.0250	1	11/03/22	11/05/22					
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/03/22	11/05/22					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2245042				
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/03/22	11/05/22					
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.9 %	70-130	11/03/22	11/05/22					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2245044				
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22					
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22					
Surrogate: n-Nonane		116 %	50-200	11/04/22	11/05/22					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2245052				
Chloride	ND	200	10	11/04/22	11/08/22					



Total Xylenes

Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Matrix Spike Dup (2245042-MSD1)

QC Summary Data

ABO Plant W Durango Midstream Project Name: Reported: 10077 Grogans Mill Rd Ste 300 Project Number: 21080-0001 The Woodlands TX, 77380 Project Manager: Monica Peppin 11/9/2022 3:18:45PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2245042-BLK1) Prepared: 11/03/22 Analyzed: 11/04/22 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.42 8.00 105 70-130 LCS (2245042-BS1) Prepared: 11/03/22 Analyzed: 11/04/22 6.05 121 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.69 0.0250 5.00 93.7 70-130 5.05 0.0250 5.00 101 70-130 Toluene 4.79 95.7 o-Xylene 0.0250 5.00 70-130 9.52 10.0 95.2 70-130 0.0500 p.m-Xvlene 95.4 14.3 15.0 70-130 Total Xylenes 0.0250 8.00 109 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.70 Matrix Spike (2245042-MS1) Source: E211021-03 Prepared: 11/03/22 Analyzed: 11/04/22 5.48 0.0250 5.00 ND 110 54-133 Benzene ND 85.4 61-133 Ethylbenzene 4.27 0.0250 5.00 Toluene 4.59 0.0250 5.00 ND 91.8 61-130 ND 87.2 63-131 4.36 5.00 0.0250 o-Xylene p,m-Xylene 8.69 0.0500 10.0 ND 86.9 63-131

15.0

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

ND

Source: E211021-03

117

90.9

97.8

92.7

92.4

92.5

104

63-131

70-130

54-133

61-133

61-130

63-131

63-131

63-131

70-130

6.56

6.23

6.40

6.10

6.10

6.10

13.1

8.17

5.86

4.54

4 89

4.63

9.24

13.9

8.31

0.0250

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250



Prepared: 11/03/22 Analyzed: 11/04/22

20

20

20

20

20

20

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Durango MidstreamProject Name:ABO Plant WReported:10077 Grogans Mill Rd Ste 300Project Number:21080-0001The Woodlands TX, 77380Project Manager:Monica Peppin11/9/2022 3:18:45PM

The Woodlands TX, 77380		Project Manage	r: M	onica Peppin				1	1/9/2022 3:18:45PM
	Non	halogenated		Analyst: IY					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2245042-BLK1)							Prepared: 1	1/03/22 Ana	alyzed: 11/04/22
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.73		8.00		84.1	70-130			
LCS (2245042-BS2)							Prepared: 1	1/03/22 Ana	alyzed: 11/04/22
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0		88.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.54		8.00		81.7	70-130			
Matrix Spike (2245042-MS2)				Source:	E211021-	03	Prepared: 1	1/03/22 Ana	alyzed: 11/04/22
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.7	70-130			
Matrix Spike Dup (2245042-MSD2)				Source:	E211021-	03	Prepared: 1	1/03/22 Ana	alyzed: 11/04/22
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.2	70-130	11.6	20	

8.00

6.81

85.1

70-130



QC Summary Data

Durango MidstreamProject Name:ABO Plant WReported:10077 Grogans Mill Rd Ste 300Project Number:21080-0001The Woodlands TX, 77380Project Manager:Monica Peppin11/9/2022 3:18:45PM

The Woodiands 174, 77500		1 Toject Wianage	1. 141	опіса і срріп				-	7,72022 5.10.1511
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2245044-BLK1)							Prepared: 1	1/04/22 Ana	lyzed: 11/04/22
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.1		50.0		114	50-200			
LCS (2245044-BS1)							Prepared: 1	1/04/22 Ana	lyzed: 11/04/22
Diesel Range Organics (C10-C28)	276	25.0	250		111	38-132			
Surrogate: n-Nonane	59.3		50.0		119	50-200			
Matrix Spike (2245044-MS1)				Source:	E211021-0	05	Prepared: 1	1/04/22 Ana	lyzed: 11/04/22
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	52.6		50.0		105	50-200			
Matrix Spike Dup (2245044-MSD1)				Source:	E211021-0	05	Prepared: 1	1/04/22 Ana	lyzed: 11/04/22
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	38-132	5.77	20	
Surrogate: n-Nonane	56.4		50.0		113	50-200			

Matrix Spike Dup (2245052-MSD1)

Chloride

276

QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300	· ·			BO Plant W 1080-0001					Reported:
The Woodlands TX, 77380		Project Manager							11/9/2022 3:18:45PM
		Anions	by EPA	300.0/9056	A				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2245052-BLK1)							Prepared: 1	1/04/22 Aı	nalyzed: 11/07/22
Chloride	ND	20.0							
LCS (2245052-BS1)							Prepared: 1	1/04/22 Aı	nalyzed: 11/07/22
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2245052-MS1)				Source:	E211021-	01	Prepared: 1	1/04/22 Aı	nalyzed: 11/07/22
Chloride	345	200	250	ND	138	80-120			M4

250

200

Source: E211021-01

111

80-120

22.0

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Prepared: 11/04/22 Analyzed: 11/07/22

20

R2

Definitions and Notes

ſ	Durango Midstream	Project Name:	ABO Plant W	
ı	10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
l	The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/09/22 15:18

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

R2 The RPD exceeded the acceptance limit.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



00:00:00					1? Lab Use Only Analysis and Method					d	lab Only			
Project: Abo Plan	tW.			1d		Lab WO#								N/Y
Sampler: M. Weir				3d	PEZI			-						(s) v
Phone:	According to the second					ob Number	8015			300.0			mpe	Prsn
Email(s):				3	The second secon	1000-081	by	8021	418.1	by 30			Lab Number	ont/
Project Manager: M. Pupp) i N		************	Pag		م	- DRC	þ	by 41				La	ect C
Sample IC)	Sample Date	Sample Time	Matrix		ontainers FYPE/Preservative	GRO/DRO	BTEX	TPH	Chloride				Correct Cont/Prsrv (s) Y/N
W522-03	10-15	10-27-22	11:40	50:1	200	jar	V	1	\checkmark	/				Y
W522-03	15-20		11:45				1						2	1
M239-23	20-79		11:50										3	
WS22-04	0-5		11:55										4	
W522-04	5-10		12:00										5	
WS22-04	10-15		12:45										6	
W522-04	15-20		12:50										7	
M299-04	50-99		12:55										8	
WS22-05	0-5	10-28-22	10:00			E E							9	
W522-05	5-10	10-78-25	100	ł									10	1
Relinquished by: (Signature)	Date Time		by: (Signat	ture)	11-2-27	3,00	**Recei	ved o	on Ic		lse Only I			
Relinquished by: (Signature)	Date Time		by: (Signat	1000000	Date 11/3/12	Time	T1 AVG Ter			T2	-		T3	-
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge	e, A - Aqueous, O - Other	_	0	14.	1-100	Container Type			-		ag - amb	er glass	, v - VOA	
**Samples requiring thermal preservation m	nust be received on ice the day th	ey are sampled or	received pa	acked in ice a	it an avg temp ab									Š.
Sample(s) dropped off after hours to a	secure drop off area.		Chain of	Custody	Notes/Billin	ng info:								CA,
()														



5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

Received by OCD: 8/21/2024 2:20:46 PM

	RU:	SH?	La	b Use Only			An	alysis	and M	ethod		lab	Only
		1d											Z
		3d	PEZI	1051								_	Correct Cont/Prsrv (s) Y/N
					3015			0.0				mbe	Prsn
		1			§	021	8.1)y 3C				D Nu	ont/
		Page			⁸	by 8	y 41	ide k				La	ct C
Sample Date	Sample Time Ma	atrix			GRO/	ВТЕХ	TPH	Chlor					Corre
10/28	10:20 50	.1 (202	jar	V	\ <u>\</u>	V	Y: V				11	Y
0	10:30		1		1		1					12	
}	10:40											13	
	10:56											14	
day -	11:00										-	15	
	11:10		A Magnetical New York, 1980.									16	
	11:20											17	
	11:30		·									18	
>	11:40											19	
	Mesone	`				Ψ					1	10	1
Received	by: (Signature)	11-	Date 2-2	2.00	**Rece	ived	on Ic			Only			
/ _		1	Date 13/N	Time	T1 AVG Te	_ emp °	c_4	T2_			T3	10 - 3020	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA													
**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Sample(s) dropped off after hours to a secure drop off area. Chain of Custody Notes/Billing info:													
	Chain of Cust	tody	ivotes/ billin	R IIIIO:									
	10/28 O Received Received	Sample Date Time Ma 10/28 10:30 S 10:30 10:40 10:56 11:00 11:20 11:30 11:40 Received by: (Signature) Received by: (Signature) Received by: (Signature) Aday they are sampled or received packed	Page Sample Date Sample Matrix 10/28 10:30 So.; 1/2 10:40 10:56 11:00 11:20 11:30 Received by: (Signature) 1/2 Received by:	Page of Sample Date Sample Matrix QTY - Vol/T 10/28 10:30 So, 1 20 10:30 10:30 10:40 10:56 11:00 11:20 11:30 11:40 11:50 W Received by: (Signature) 10-30 Augustian State St	Id Jab WO# PEZIOZI Job Number 21080-0001 Page of Containers QTY-Vol/TYPE/Preservative 10:30 10:30 10:40 10:56 11:00 11:20 11:30 Received by: (Signature) Received by: (Signature) Received by: (Signature) Page of Containers QTY-Vol/TYPE/Preservative Containers QTY-Vol/TYPE/Preservative Date Time Date Time Dic 21 Container Typ day they are sampled or received packed in ice at an avg temp above 0 but less than	Id Lab WO#	Sample Date Sample Matrix Containers QTY - Vol/TYPE/Preservative V Date Time Matrix QTY - Vol/TYPE/Preservative V Date Time Matrix QTY - Vol/TYPE/Preservative V Date Time Matrix Time Matrix Time Matrix Time Matrix Time Ti	Id Lab WO# PEZINOZI Job Number 21080-0001 Page Ontainers QTY - Vol/TYPE/Preservative O10:56 II:00 II:20 II:30 II:40 II:50 Received by: (Signature) Page Ontainers Time AVG Temp °C Container Type: g - glass, p - poly day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent day To Not page 10 10 10 10 10 10 10 10 10 10 10 10 10	In the property of the propert	1d Lab WO#	Time Time	Lab WO# Page Job Number 2 080 - 000 A A A A A A A A A A A A A A A A A	1d 3d Fe2 102 108



\$796 US Highway 64, Farmington, NM 87401 Three Springs + 65 Mercado Street, Suite 115, Durango, CO 81301 Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com laboratory@envirotech-inc.com

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Printed: 11/3/2022 2:05:34PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Durango Midstream	Date Received:	11/03/22	10:22		Work Order ID:	E211021
Phone:	(575) 676-3500	Date Logged In:	11/03/22	13:54		Logged In By:	Raina Schwanz
Email:		Due Date:	11/09/22	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
	he number of samples per sampling site location mate	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	IPS		
4. Was th	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	<u> </u>	<u> </u>		
	all samples received within holding time?	•	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion			,		Comments	s/Resolution
	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes				
	•	temperature. 4 v	<u>~</u>				
	<u>Container</u> queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal		ers confected?	103				
•	field sample labels filled out with the minimum info	rmation:					
	ample ID?	mation.	Yes				
	Date/Time Collected?		Yes	L			
C	Collectors name?		Yes				
Sample I	Preservation_						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subconti	ract Laboratory						
	amples required to get sent to a subcontract laborator	v?	No				
	a subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	· NA		
				Subcontract Euc	,, 1111		
Chent II	<u>nstruction</u>						

Date

Report to:

Monica Peppin



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name: ABO Plant W

Work Order: E211022

Job Number: 21080-0001

Received: 11/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/9/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/9/22

Monica Peppin 10077 Grogans Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: ABO Plant W

Workorder: E211022

Date Received: 11/3/2022 10:22:00AM

Monica Peppin,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/3/2022 10:22:00AM, under the Project Name: ABO Plant W.

The analytical test results summarized in this report with the Project Name: ABO Plant W apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Alexa Michaels

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labadmin@envirotech-inc.com

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Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com



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Sample Summary

Durango Midstream	Project Name:	ABO Plant W	Donoutoda
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/09/22 15:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
WS22-09 3-6	E211022-01A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-10 0-3	E211022-02A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-10 3-6	E211022-03A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-11 0-3	E211022-04A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-11 3-6	E211022-05A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-12 0-5	E211022-06A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-12 5-10	E211022-07A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-13 6-10	E211022-08A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-14 10-15	E211022-09A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-14 15-20	E211022-10A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.
WS22-14 20-22	E211022-11A	Soil	10/28/22	11/03/22	Glass Jar, 2 oz.



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-09 3-6 E211022-01

		E211022-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2245056
Benzene	ND	0.0250	1	11/04/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/04/22	11/05/22	
oluene	ND	0.0250	1	11/04/22	11/05/22	
-Xylene	ND	0.0250	1	11/04/22	11/05/22	
,m-Xylene	ND	0.0500	1	11/04/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/04/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2245056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/22	11/05/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		80.8 %	70-130	11/04/22	11/05/22	
Sonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2245045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		107 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2245053
Chloride	ND	200	10	11/04/22	11/08/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-10 0-3 E211022-02

		2211022 02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2245056
Benzene	ND	0.0250	1	11/04/22	11/05/22	
thylbenzene	ND	0.0250	1	11/04/22	11/05/22	
oluene	ND	0.0250	1	11/04/22	11/05/22	
-Xylene	ND	0.0250	1	11/04/22	11/05/22	
,m-Xylene	ND	0.0500	1	11/04/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/04/22	11/05/22	
urrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2245056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/22	11/05/22	
urrogate: 1-Chloro-4-fluorobenzene-FID		80.6 %	70-130	11/04/22	11/05/22	
Onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2245045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Dil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
urrogate: n-Nonane		113 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2245053
Chloride	ND	200	10	11/04/22	11/08/22	



Chloride

Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-10 3-6

		E211022-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245056
Benzene	ND	0.0250	1	11/04/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/04/22	11/05/22	
Toluene	ND	0.0250	1	11/04/22	11/05/22	
o-Xylene	ND	0.0250	1	11/04/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/04/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/04/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2245056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.4 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: JL		Batch: 2245045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		113 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2245053

200

ND

10

11/04/22

11/08/22



Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-11 0-3

E211022-04						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: IY		Batch: 2245056
Benzene	ND	0.0250	1	11/04/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/04/22	11/05/22	
Toluene	ND	0.0250	1	11/04/22	11/05/22	
o-Xylene	ND	0.0250	1	11/04/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/04/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/04/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: IY		Batch: 2245056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.5 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2245045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		119 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: RAS		Batch: 2245053
Chloride	ND	200	10	11/04/22	11/08/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-11 3-6

		E211022-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2245056
Benzene	ND	0.0250	1	11/04/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/04/22	11/05/22	
Toluene	ND	0.0250	1	11/04/22	11/05/22	
o-Xylene	ND	0.0250	1	11/04/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/04/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/04/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2245056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.4 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: JL		Batch: 2245045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		114 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2245053
Chloride	107	20.0	1	11/04/22	11/08/22	



Chloride

Sample Data

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-12 0-5

E211022-06 Reporting Analyte Limit Dilution Prepared Analyzed Result Notes Analyst: IY Batch: 2245056 mg/kg mg/kg Volatile Organics by EPA 8021B 11/04/22 11/05/22 ND 0.0250 Benzene 1 11/04/22 11/05/22 Ethylbenzene ND 0.0250ND 0.02501 11/04/22 11/05/22 Toluene 1 11/04/22 11/05/22 o-Xylene ND 0.02501 11/04/22 11/05/22 ND 0.0500 p,m-Xylene 11/05/22 11/04/22 1 Total Xylenes ND 0.025011/04/22 11/05/22 101 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: IY Batch: 2245056 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 11/04/22 11/05/22 ND 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 84.8 % 11/04/22 11/05/22 70-130 mg/kg mg/kg Analyst: JL Batch: 2245045 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 11/04/22 11/04/22 Diesel Range Organics (C10-C28) ND 11/04/22 11/04/22 Oil Range Organics (C28-C36) 50.0 1 11/04/22 11/04/22 Surrogate: n-Nonane 119 % 50-200 Analyst: RAS Batch: 2245053 Anions by EPA 300.0/9056A mg/kg mg/kg

20.0

1

11/04/22

11/08/22

28.9



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-12 5-10

		ъ .:				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2245056
Benzene	ND	0.0250	1	11/04/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/04/22	11/05/22	
Toluene	ND	0.0250	1	11/04/22	11/05/22	
o-Xylene	ND	0.0250	1	11/04/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/04/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/04/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2245056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/22	11/05/22	·
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.6 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2245045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/04/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/04/22	
Surrogate: n-Nonane		114 %	50-200	11/04/22	11/04/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2245053
Chloride	ND	200	10	11/04/22	11/09/22	_



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-13 6-10

	022-	

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: IY		Batch: 2245056
Benzene	ND	0.0250	1	11/04/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/04/22	11/05/22	
Toluene	ND	0.0250	1	11/04/22	11/05/22	
o-Xylene	ND	0.0250	1	11/04/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/04/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/04/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: IY		Batch: 2245056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		79.6 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2245045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/09/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/09/22	
Surrogate: n-Nonane		112 %	50-200	11/04/22	11/09/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2245053
Chloride	202	200	10	11/04/22	11/09/22	·



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-14 10-15

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2245056
Benzene	ND	0.0250	1	11/04/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/04/22	11/05/22	
Toluene	ND	0.0250	1	11/04/22	11/05/22	
o-Xylene	ND	0.0250	1	11/04/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/04/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/04/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2245056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		80.1 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2245045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		117 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2245053
Chloride	122	20.0	1	11/04/22	11/08/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-14 15-20

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245056
Benzene	ND	0.0250	1	11/04/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/04/22	11/05/22	
Toluene	ND	0.0250	1	11/04/22	11/05/22	
o-Xylene	ND	0.0250	1	11/04/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/04/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/04/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2245056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		79.9 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: JL		Batch: 2245045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		107 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2245053
Chloride	122	20.0	1	11/04/22	11/08/22	



Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/9/2022 3:31:35PM

WS22-14 20-22

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: IY		Batch: 2245056
Benzene	ND	0.0250	1	11/04/22	11/05/22	
Ethylbenzene	ND	0.0250	1	11/04/22	11/05/22	
Toluene	ND	0.0250	1	11/04/22	11/05/22	
o-Xylene	ND	0.0250	1	11/04/22	11/05/22	
p,m-Xylene	ND	0.0500	1	11/04/22	11/05/22	
Total Xylenes	ND	0.0250	1	11/04/22	11/05/22	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: IY		Batch: 2245056
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/22	11/05/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID		78.7 %	70-130	11/04/22	11/05/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: JL		Batch: 2245045
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/22	11/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/22	11/05/22	
Surrogate: n-Nonane		93.9 %	50-200	11/04/22	11/05/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2245053
Chloride	41.6	20.0	1	11/04/22	11/08/22	



Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Durango MidstreamProject Name:ABO Plant WReported:10077 Grogans Mill Rd Ste 300Project Number:21080-0001The Woodlands TX, 77380Project Manager:Monica Peppin11/9/2022 3:31:35PM

The Woodlands TX, 77380		Project Manager:	M	onica Peppin				11/	9/2022 3:31:35PM
		Volatile O	rganics b	y EPA 802	1B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2245056-BLK1)]	Prepared: 11	/04/22 Anal	yzed: 11/05/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130			
LCS (2245056-BS1)						1	Prepared: 11	/04/22 Anal	yzed: 11/05/22
Benzene	5.76	0.0250	5.00		115	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.1	70-130			
Toluene	4.81	0.0250	5.00		96.2	70-130			
o-Xylene	4.55	0.0250	5.00		90.9	70-130			
o,m-Xylene	9.05	0.0500	10.0		90.5	70-130			
Total Xylenes	13.6	0.0250	15.0		90.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			
LCS Dup (2245056-BSD1)]	Prepared: 11	/04/22 Anal	yzed: 11/05/22
Benzene	5.77	0.0250	5.00		115	70-130	0.188	20	
Ethylbenzene	4.46	0.0250	5.00		89.3	70-130	0.168	20	
Toluene	4.81	0.0250	5.00		96.2	70-130	0.0145	20	
o-Xylene	4.55	0.0250	5.00		90.9	70-130	0.00439	20	
p,m-Xylene	9.07	0.0500	10.0		90.7	70-130	0.172	20	

8.00

70-130

70-130

103

0.113

20

0.0250

8.21



Durango MidstreamProject Name:ABO Plant WReported:10077 Grogans Mill Rd Ste 300Project Number:21080-0001The Woodlands TX, 77380Project Manager:Monica Peppin11/9/20223:31:35PM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2245056-BLK1)						Prepared: 1	1/04/22 A	Analyzed: 11/05/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.88		8.00	86.0	70-130			
LCS (2245056-BS2)						Prepared: 1	1/04/22 A	Analyzed: 11/05/22
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.51		8.00	81.4	70-130			
LCS Dup (2245056-BSD2)						Prepared: 1	1/04/22 A	Analyzed: 11/05/22
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	89.9	70-130	6.35	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.74		8.00	84.3	70-130			



Durango MidstreamProject Name:ABO Plant WReported:10077 Grogans Mill Rd Ste 300Project Number:21080-0001The Woodlands TX, 77380Project Manager:Monica Peppin11/9/2022 3:31:35PM

The woodlands TX, //380		Project Manager	r: Mo	onica Peppin					11/9/2022 3:31:33PN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2245045-BLK1)							Prepared: 1	1/04/22 A	nalyzed: 11/04/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	56.6		50.0		113	50-200			
LCS (2245045-BS1)							Prepared: 1	1/04/22 A	nalyzed: 11/04/22
Diesel Range Organics (C10-C28)	231	25.0	250		92.5	38-132			
urrogate: n-Nonane	56.1		50.0		112	50-200			
Matrix Spike (2245045-MS1)				Source:	E211022-0)7	Prepared: 1	1/04/22 A	nalyzed: 11/04/22
Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.4	38-132			
urrogate: n-Nonane	54.5		50.0		109	50-200			
Matrix Spike Dup (2245045-MSD1)				Source:	E211022-0	07	Prepared: 1	1/04/22 A	nalyzed: 11/04/22
Diesel Range Organics (C10-C28)	227	25.0	250	ND	90.6	38-132	5.08	20	
urrogate: n-Nonane	52.1		50.0		104	50-200			



Durango Midstream 10077 Grogans Mill Rd Ste 300 The Woodlands TX, 77380		Project Name: Project Number: Project Manager:		ABO Plant W 21080-0001 Monica Peppin					Reported: 11/9/2022 3:31:35PM
	Anions by EPA 300.0/9056A								Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	

	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2245053-BLK1)							Prepared: 1	1/04/22 Analy	yzed: 11/08/22
Chloride	ND	20.0							
LCS (2245053-BS1)							Prepared: 1	1/04/22 Analy	yzed: 11/08/22
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2245053-MS1)				Source:	E211022-	01	Prepared: 1	1/04/22 Analy	yzed: 11/09/22
Chloride	367	200	250	ND	147	80-120			M6
Matrix Spike Dup (2245053-MSD1)				Source:	E211022-	01	Prepared: 1	1/04/22 Analy	yzed: 11/08/22
Chloride	362	200	250	ND	145	80-120	1.18	20	M6

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Durango Midstream	Project Name:	ABO Plant W	
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Monica Peppin	11/09/22 15:31

M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS

recoveries.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Received by OCD: 8/21/2024 2:20:46 PM

					Lab Han C	l			76			i i		1-1-1	0-1
Project: Abo Plan Sampler: M. M. C.	111			RUSH?	Lab Use C				Ana	lysis ar	nd Met	hod		lab	Only
Project: 1-100 Plan	· W t			1d	Lab WO										X
Sampler: M. Wur				3d	p E211022									<u> </u>	v (s)
Phone:					Job Numb		8015			300.0				mpe	Prsr
Email(s):					21080-0	00 \	by 8	021	418.1	14 30				ab Number	ont/
Project Manager: M. Pe	pein			Page	5 of 6		ORO	эу 8	y 41	de b				Lal	ctC
Sample		Sample Date	Sample Time	Matrix	Containers QTY - Vol/TYPE/Prese	ervative	GRO/DRO by	BTEX by 8021	трн by	Chloride by					Correct Cont/Prsrv (s) Y/N
WS22-09	3-6	10/28	12:00	50:1	202 Jour	ر	V	V						1	
W522-10	0-3		12:45					A		\coprod				2	
W522-10	3-6		12:50						\perp					3	
WS22-11	0-3		13:00											4	
W522-11	3-6		13:10				Ш							5	
W522-12	0-5		13:20											6	
W522-12	5-10		13:30											1	
WS22-13	6-10		13:40											8	
WS22-14	10-15		13:50						\prod					9	
W522-14	15-20		14:00				1		4					10	
Relinquished by: (Signature)	Date Time	Regeived	by: (Signat		11-2-2- 2:00		eceiv	/ed c	on Ice	Lab (Jse Or V	nly			
Reinfulshed by (Signature)	11-2-22 4, (5	Received	by: (Signat	ture)	11/3/2 10:2		Ten	np °C		0	_		T3_		3
Sample Matrix: S - Soil, Sd - Solid, Sg - Slud			000			er Type: g -					, ag - ar	mber g	glass, v -	VOA	
**Samples requiring thermal preservation						ess than 6 °C o	on sub	seque	nt days						\dashv
Sample(s) dropped off after hours to	a secure drop off area.		Chain of	Custody	Notes/Billing info:										
	E21														



Three springs on Mercleto street state 11s Europas 30 81101

Received by OCD: 8/21/2024 2:20:46 PM

Client: Duago			RUSH?	La	ab Use Only	T			Ana	alysis	and M	lethod		lal	b Only
Project: Abo Plant W.			1d		Lab WO#										Z
Sampler: M. Wier			3d	pE21	1022										Correct Cont/Prsrv (s) Y/N
Phone:				•	ob Number		115			0.				her	rsrv
				160	000-080		GRO/DRO by 8015	21	_	Chloride by 300.0				Lab Number	ıt/P
Email(s): Project Manager:			Pag		10		(O b	BTEX by 8021	TPH by 418.1	s by				ab	Ō
		Sample	T T		ntainers		J/DF	X by	by	oride					rect
Sample ID	Sample Date	Time	Matrix	QTY - Vol/T	TYPE/Preservat	ive	GRC	BTE	TPH	S S					S
WS27-14 20.22	10/28	14:10	56.1	200	z jar		√	V	V					lı	
The state of the s															
														T	
Relinquished by: (Signature) Date Time	MILLA	by: (Signa		11-202	3'U	**Re	eceiv	ved c	on Ic		b Use / N	Only			
Relinquished by: (Signature) Date Time	Received	by: (Signal)	ture)	II/3/M	10:32	T1_ AVG	Ten	- np °C	4.	T2	-			-3	_
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	TO COMPANY DESCRIPTION OF THE PROPERTY OF THE	0			Container Ty						tic, ag	ambe	r glass,	v - VO.	Α
**Samples requiring thermal preservation must be received on ice the day	tney are sampled o		f Custody			an b Co	in sub	seque	iit day	٥.					
Sample(s) dropped off after hours to a secure drop off area.		Chair O	. custouy												
												119			



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envirotech Inc.

Printed: 11/9/2022 3:30:34PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Durango Midstream	Date Received:	11/03/22	10:22		Work Order ID:	E211022
Phone:	(575) 676-3500	Date Logged In:	11/03/22	14:32		Logged In By:	Irene Yazzie
Email:	mpeppin@vertex.ca	Due Date:	11/09/22	17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: <u>U</u>	<u>JPS</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)						
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	Cooler						
_	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?						
	were custody/security seals intact?		No				
		1 (0.000	NA				
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes				
		temperature. 4	<u>~</u>				
	Container VOC 1 1 10 10		2.7				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?	_	NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab							
	field sample labels filled out with the minimum info	ormation:	37				
	ample ID? ate/Time Collected?		Yes				
	ollectors name?		Yes Yes				
	reservation		165				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved n	netals?	No				
	•		110				
	se Sample Matrix	9	3.7				
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzea?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ory?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	o: NA		
Client Ir	<u>astruction</u>						

Date

Signature of client authorizing changes to the COC or sample disposition.

Report to:
Amber Groves



5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Durango Midstream

Project Name: ABO Plant W. Inlet

Work Order: E211116

Job Number: 21080-0001

Received: 11/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/28/22

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise. Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way. Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc. Envirotech Inc, holds the Utah TNI certification NM00979 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557 for data reported. Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)

Date Reported: 11/28/22

Amber Groves 10077 Grogans Mill Rd Ste 300 The Woodlands, TX 77380

Project Name: ABO Plant W. Inlet

Workorder: E211116

Date Received: 11/18/2022 7:30:00AM

Amber Groves,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/18/2022 7:30:00AM, under the Project Name: ABO Plant W. Inlet.

The analytical test results summarized in this report with the Project Name: ABO Plant W. Inlet apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

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Cell: 775-287-1762

whinchman@envirotech-inc.com

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Sample Summary

Γ	Durango Midstream	Project Name:	ABO Plant W. Inlet	D-mst-d-
l	10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
l	The Woodlands TX, 77380	Project Manager:	Amber Groves	11/28/22 09:29

Client Sample ID	Lab Sample ID M	latrix	Sampled	Received	Container
BS22 - 10 7'	E211116-01A	Soil	11/16/22	11/18/22	Glass Jar, 4 oz.



Durango MidstreamProject Name:ABO Plant W. Inlet10077 Grogans Mill Rd Ste 300Project Number:21080-0001Reported:The Woodlands TX, 77380Project Manager:Amber Groves11/28/20229:29:34AM

BS22 - 10 7' E211116-01

		2211110 01				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2247120
Benzene	ND	0.0250	1	11/19/22	11/20/22	
Ethylbenzene	ND	0.0250	1	11/19/22	11/20/22	
Toluene	ND	0.0250	1	11/19/22	11/20/22	
o-Xylene	ND	0.0250	1	11/19/22	11/20/22	
p,m-Xylene	ND	0.0500	1	11/19/22	11/20/22	
Total Xylenes	ND	0.0250	1	11/19/22	11/20/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130	11/19/22	11/20/22	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	11/19/22	11/20/22	
Surrogate: Toluene-d8		100 %	70-130	11/19/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2247120
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/22	11/20/22	
Surrogate: Bromofluorobenzene		97.4 %	70-130	11/19/22	11/20/22	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	11/19/22	11/20/22	
Surrogate: Toluene-d8		100 %	70-130	11/19/22	11/20/22	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: JL		Batch: 2248005
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/22	11/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/22	11/22/22	
Surrogate: n-Nonane		88.3 %	50-200	11/21/22	11/22/22	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: KL		Batch: 2248014
Chloride	ND	200	10	11/21/22	11/21/22	



Durango MidstreamProject Name:ABO Plant W. InletReported:10077 Grogans Mill Rd Ste 300Project Number:21080-0001The Woodlands TX, 77380Project Manager:Amber Groves11/28/2029:29:34AM

The Woodlands TX, 77380		Project Manage	r: Aı	nber Groves				1	1/28/2022 9:29:34Al
	Vo	olatile Organ	ic Compo	unds by EP	A 82601	В			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2247120-BLK1)							Prepared: 1	1/19/22 Ar	nalyzed: 11/20/22
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.469		0.500		93.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			
LCS (2247120-BS1)							Prepared: 1	1/19/22 Ar	nalyzed: 11/20/22
Benzene	2.51	0.0250	2.50		100	70-130			
Ethylbenzene	2.47	0.0250	2.50		98.9	70-130			
Toluene	2.50	0.0250	2.50		100	70-130			
o-Xylene	2.61	0.0250	2.50		104	70-130			
o,m-Xylene	4.97	0.0500	5.00		99.4	70-130			
Total Xylenes	7.58	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			
LCS Dup (2247120-BSD1)							Prepared: 1	1/19/22 Ar	nalyzed: 11/20/22
Benzene	2.47	0.0250	2.50		98.7	70-130	1.69	23	
Ethylbenzene	2.46	0.0250	2.50		98.6	70-130	0.365	27	
Toluene	2.48	0.0250	2.50		99.0	70-130	1.03	24	
o-Xylene	2.58	0.0250	2.50		103	70-130	0.963	27	
o,m-Xylene	4.95	0.0500	5.00		99.0	70-130	0.403	27	
),III-Aylene	4.53	0.0500							
Fotal Xylenes	7.53	0.0250	7.50		100	70-130	0.596	27	

0.500

0.500

101

99.2

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.503

0.496

Durango MidstreamProject Name:ABO Plant W. InletReported:10077 Grogans Mill Rd Ste 300Project Number:21080-0001The Woodlands TX, 77380Project Manager:Amber Groves11/28/20229:29:34AM

Nonhalogenated	Organics by	v EPA	.8015D -	GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2247120-BLK1)						Prepared: 1	/19/22 An	alyzed: 11/20/22
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.469		0.500	93.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500	97.6	70-130			
Surrogate: Toluene-d8	0.498		0.500	99.6	70-130			
LCS (2247120-BS2)						Prepared: 1	/19/22 An	alyzed: 11/20/22
Gasoline Range Organics (C6-C10)	59.7	20.0	50.0	119	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500	98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500	96.9	70-130			
Surrogate: Toluene-d8	0.504		0.500	101	70-130			
LCS Dup (2247120-BSD2)						Prepared: 1	/19/22 An	alyzed: 11/20/22
Gasoline Range Organics (C6-C10)	58.0	20.0	50.0	116	70-130	2.96	20	
Surrogate: Bromofluorobenzene	0.483		0.500	96.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500	98.6	70-130			
Surrogate: Toluene-d8	0.499		0.500	99.8	70-130			



Durango Midstream	Project Name:	ABO Plant W. Inlet	Reported:
10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	_
The Woodlands TX, 77380	Project Manager:	Amber Groves	11/28/2022 9:29:34AM

The Woodiands 174, 77500		1 Toject Wianage	. Ai	noci Gioves					720/2022 7.27.3 171
	Nonha	logenated Or		Analyst: KM					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2248005-BLK1)							Prepared: 1	1/21/22 Ana	alyzed: 11/22/22
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.6		50.0		105	50-200			
LCS (2248005-BS1)							Prepared: 1	1/21/22 Ana	lyzed: 11/22/22
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132			
Surrogate: n-Nonane	49.3		50.0		98.6	50-200			
Matrix Spike (2248005-MS1)				Source:	E211117-0)1	Prepared: 1	1/21/22 Ana	lyzed: 11/22/22
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132			
Surrogate: n-Nonane	49.4		50.0		98.7	50-200			
Matrix Spike Dup (2248005-MSD1)				Source:	E211117-0)1	Prepared: 1	1/21/22 Ana	alyzed: 11/22/22
Diesel Range Organics (C10-C28)	331	25.0	250	ND	132	38-132	15.1	20	
Surrogate: n-Nonane	48.6		50.0		97.1	50-200			

LCS Dup (2248014-BSD1)

Chloride

Prepared: 11/21/22 Analyzed: 11/23/22

20

QC Summary Data

Durango Midstream 10077 Grogans Mill Rd Ste 300	Project Name: Project Number:	ABO Plant W. Inlet 21080-0001	Reported:
The Woodlands TX, 77380	Project Manager:	Amber Groves	11/28/2022 9:29:34AM
	Analyst: KL		

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2248014-BLK1)							Prepared: 1	1/21/22 Analy	yzed: 11/21/22
Chloride	ND	20.0							
LCS (2248014-BS1)							Prepared: 1	1/21/22 Analy	yzed: 11/21/22
Chloride	257	20.0	250		103	90-110			

250

20.0

104

90-110

1.15

260

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

Γ	Durango Midstream	Project Name:	ABO Plant W. Inlet	
l	10077 Grogans Mill Rd Ste 300	Project Number:	21080-0001	Reported:
l	The Woodlands TX, 77380	Project Manager:	Amber Groves	11/28/22 09:29

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: Duran a Amber	- Gravi	25	RUSH?	La	b Use Only			An	alysis	and Met	hod		lab (Only
Project: Abo Plant W. Inle	+ '		1d	The second second	Lab WO#									N/N
Sampler: M. Wier			3d		11116								er	v (s)
Phone:					b Number	, 108	100		300.0				Lab Number	/Prsr
Email(s):			12 <u>-</u> 800 10		80-000	1 2	3021	418.1	5у 3(7		b N	ont,
Project Manager:			Pag		atainass.	—	by 8	oy 42	ide l				La	ect C
Sample ID	Sample Date	Sample Time	Matrix		ntainers YPE/Preservati	he h	BTEX by 8021	трн by	Chloride by					Correct Cont/Prsrv (s) Y/N
BS22-10 7'	11/16	8:30	50,1	202	jar	v	′ ✓	/	/				1	
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Relinquished by (Signature) Date Time Michael Relinquished by (Signature) 11-17-22 1620	acti	poy: (Signar	tu	11/18/22	7:30	T1 AVG Te			T2_			T3_		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other					Container Typ	oe: g - gla	ass, p	- poly	/plas	tic, ag - a	mber g	lass, v -	VOA	
**Samples requiring thermal preservation must be received on ice the da	they are sampled o				40 72	n 6 °C on s	ubsequ	ent da	ys.					\Box
Sample(s) dropped off after hours to a secure drop off area.		Chain of	Custody	Notes/Billin	g info:									
() a musica da a da											-			



5796 US Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

Ph (970) 259-0615 Fr (800) 362-1879

envirotech-inc.com laboratory@envirotech-inc.com

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Printed: 11/18/2022 1:51:25PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Phone: (\$73) 700-7002 Date Logged Int. 11/18/22 075-99 Logged In By: Caulin Christian Emilia grove-ejidinaponidoream.com Dite Date: 11/28/22 175-90 (4 day TAT) Chain of Custody (COC) Cock Coc	Client:	Durango Midstream	Date Received:	11/18/22	07:30		Work Order ID:	E211116
Enail: ugroves/dumngerinduream.com Due Duite: 11/28/22 17/80 (4 day TAT)	Phone:	(575) 703-7992	Date Logged In:	11/18/22	07:59		Logged In By:	Caitlin Christian
1. Does the sample ID match the COC? 2. Does the number of samplies per sampling site location match the COC 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? 5. Were all samples received within holding time? 6. Did the COC indicates standard TAT, or Expedited TAT? 6. Did the COC indicate standard TAT, or Expedited TAT? 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample (cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security scale present? 11. If yes, were custody/security scale present? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°42°C Note: Thermal preservation is not required, if samples are received wii 15 mill. Tim obtained of ampling 13. If no visible ice, record the temperature. Actual sample temperature: 14. Are aqueous VOC samples collected in the County of the Count	Email:	agroves@durangomidstream.com		11/28/22	17:00 (4 day TAT)			
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Client Instruction	29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	o: na		
	Client In	struction						

Date

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 376218

QUESTIONS

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
303 Veterans Airpark Lane	Action Number:
Midland, TX 79705	376218
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites					
Incident ID (n#)	nAPP2207742550				
Incident Name	NAPP2207742550 FRONTIER ABO PLANT W. INLET 12" POLY LINE @ 0				
Incident Type	Natural Gas Release				
Incident Status	Remediation Closure Report Received				

Location of Release Source				
Please answer all the questions in this group.				
Site Name	FRONTIER ABO PLANT W. INLET 12" POLY LINE			
Date Release Discovered	02/24/2022			
Surface Owner	Federal			

Incident Details					
Please answer all the questions in this group.					
Incident Type	Natural Gas Release				
Did this release result in a fire or is the result of a fire	No				
Did this release result in any injuries	No				
Has this release reached or does it have a reasonable probability of reaching a watercourse	No				
Has this release endangered or does it have a reasonable probability of endangering public health	No				
Has this release substantially damaged or will it substantially damage property or the environment	No				
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No				

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Cause: Other Pipeline (Any) Condensate Released: 9 BBL Recovered: 0 BBL Lost: 9 BBL.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Release was initially evaluated to be less than 5 bbls, however upon initial site delineation and excavation it was determined to be of a reportable volume.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 376218

Phone: (505) 476-3470 Fax: (505) 476-3462	•
QUEST	IONS (continued)
Operator: FRONTIER FIELD SERVICES, LLC 303 Veterans Airpark Lane Midland, TX 79705	OGRID: 221115 Action Number: 376218 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response	positive horseved that would reguld in injury
The responsible party must undertake the following actions immediately unless they could create a substitution of the release has been stopped.	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	Idation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relethe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Sebastian Orozco Title: Sr. Environmental Specialist Email: sorozco@kinetik.com

Date: 08/21/2024

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 376218

QUESTIONS (continued)

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
303 Veterans Airpark Lane	Action Number:
Midland, TX 79705	376218
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be prov	vided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contain	mination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	16	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0	
GRO+DRO (EPA SW-846 Method 8015M)	0	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes co which includes the anticipated timelines for beginning and completing the remediation.	ompleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
On what estimated date will the remediation commence	08/06/2024	
On what date will (or did) the final sampling or liner inspection occur	08/06/2024	
On what date will (or was) the remediation complete(d)	08/06/2024	
What is the estimated surface area (in square feet) that will be reclaimed	300	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	300	
What is the estimated volume (in cubic yards) that will be remediated	180	
These estimated dates and measurements are recognized to be the best guess or calculating	ion at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjus-	sted in accordance with the physical realities encountered during remediation. If the responsible party has any need to	

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 376218

QUESTIONS (continued)

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
303 Veterans Airpark Lane	Action Number:
Midland, TX 79705	376218
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement

Name: Sebastian Orozco Title: Sr. Environmental Specialist Email: sorozco@kinetik.com Date: 08/21/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 5

Action 376218

QUESTIONS (continued)

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
303 Veterans Airpark Lane	Action Number:
Midland, TX 79705	376218
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

District I

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 6

Action 376218

QUESTIONS (continued)

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
303 Veterans Airpark Lane	Action Number:
Midland, TX 79705	376218
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	369201
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/06/2024
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	250

Remediation Closure Request Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	300	
What was the total volume (cubic yards) remediated	180	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	0	
What was the total volume (in cubic yards) reclaimed	0	
Summarize any additional remediation activities not included by answers (above)	Impacted areas left on site from previous remediation activities were excavated and remove from the site. Confirmation samples were collected on the floor as well as all 4 sidewalls to ensure that all impact was removed from the site.	

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Name: Sebastian Orozco
Title: Sr. Environmental Specialist
Email: sorozco@kinetik.com
Date: 08/21/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 7

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QUESTIONS (continued)

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
303 Veterans Airpark Lane	Action Number:
Midland, TX 79705	376218
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 376218

CONDITIONS

Operator:	OGRID:
FRONTIER FIELD SERVICES, LLC	221115
303 Veterans Airpark Lane	Action Number:
Midland, TX 79705	376218
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2207742550 FRONTIER ABO PLANT W. INLET 12" POLY LINE, thank you. This Remediation Closure Report is approved.	9/12/2024