



Site Information

Closure Report
East Corbin Injection Well WIW #1
Lea County, New Mexico
Unit N Sec 16 T18S R33E
1RP-5112
32.741605°, -103.670006°

Produced Water Release
Source: Steel flow line ruptured
Release Date: 06/14/2018
Volume Released: 250 bbls/PW
Volume Recovered: 0 bbls/PW

Prepared for:
EOG Resources
5509 Champions Dr.
Midland, TX 79706

Prepared by:
NTG Environmental
701 Tradewinds Blvd
Suite C
Midland, TX 79706



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701 Tradewinds Boulevard, Suite C
Midland, Texas 79706
Tel. 432.685.3898
www.ntglobal.com

May 13, 2021

Mr. Bradford Billings
New Mexico Oil Conservation Division
5200 Oakland Ave N.E Suite100
Albuquerque, NM 87113

Re: Closure Report
East Corbin Injection Well WIW #1 (1RP-5112)
EOG Resources Inc.
Site Location: Unit N, S16, T18S, R33E
(Lat 32.741605°, Long -103.670006°)
Lea County, New Mexico

To whom it may concern:

On behalf of EOG Resources Inc. (EOG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment activities for the East Corbin Injection Well WIW #1. The site is located at 32.741605 °, -103.670006° within Unit N, S16, T18S, R33E, and approximately 9.39 miles southeast of Maljamar, New Mexico in Lea County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on June 14, 2018. It resulted in the release of approximately 250 barrels of produced water due to a steel flow line ruptured, leading to an injection well, and 0 barrels of fluids were recovered. The impacted area measured approximately 865' x 22', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineer's and USGS databases, there are no known water sources within ½ miles radius of the location. The nearest identified well is located approximately 1.45 miles northeast of the site in S16, T18S, R33E. The well has a reported depth to groundwater of 70 feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

Regulatory Criteria

In accordance with 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

Site Assessment

On April 19, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release. A total of ten sample points were advanced to depths ranging 0.5 – 4.5 ft bgs within and surrounding the release area to assess the vertical and horizontal extent of potential impacts. The soil sample locations are shown on figure 3.

The soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Xenco Laboratories in Midland, Texas, for chemical analysis. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015 modified, benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports containing analytical methods, results, and chain-of-custody documents are attached in Appendix C. The analytical results are provided in Table 1.

All samples are below the NMOCD regulatory criteria for TPH, benzene, BTEX, and chlorides based on the analytical results.

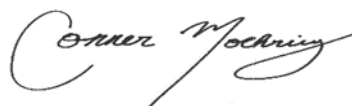
Conclusions

Based on the finding of the assessment and the analytical results, no further actions are required at the site. The final C-141 is attached, and EOG formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely,
NTG Environmental



Mike Carmona
Senior Project Manager

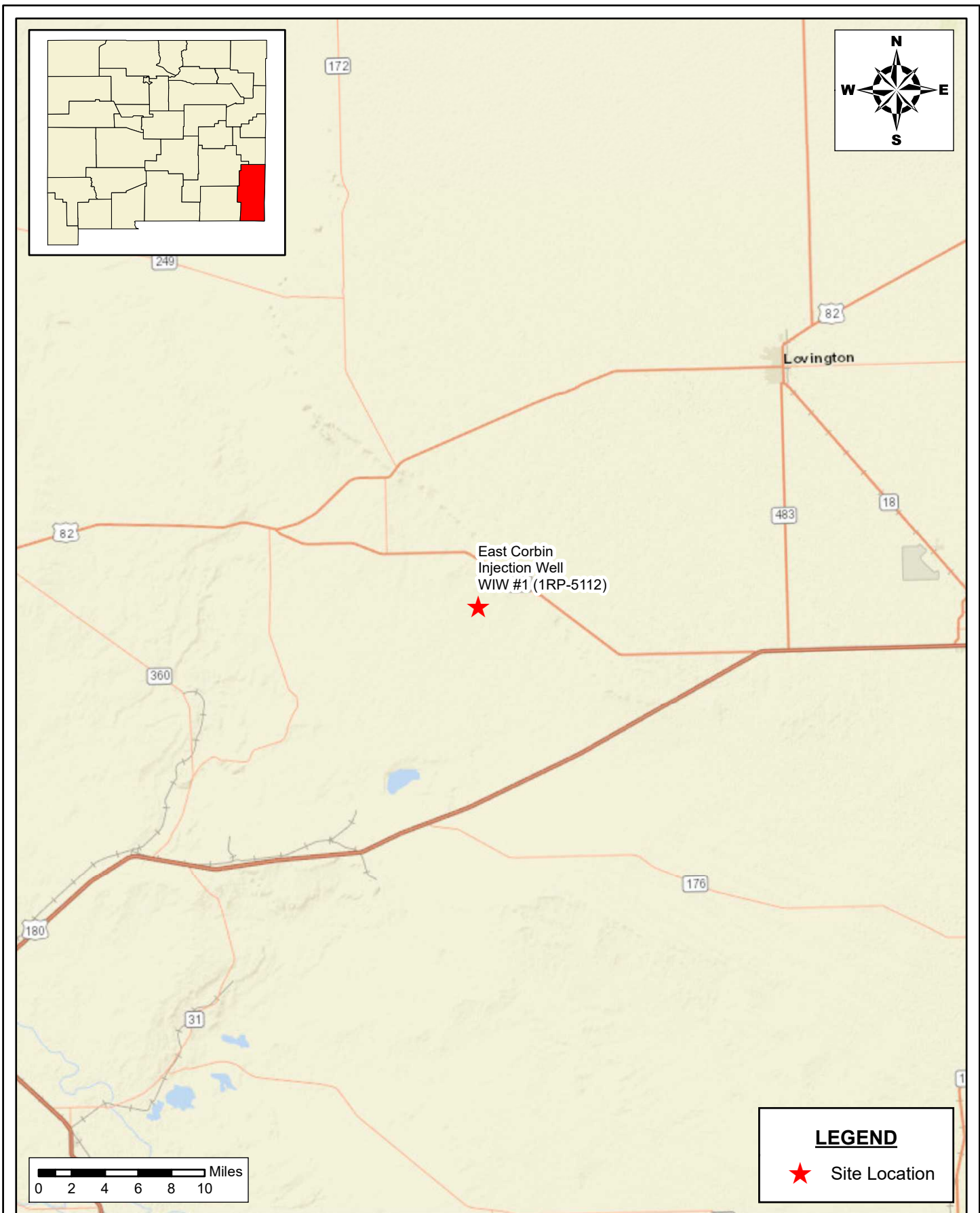


Conner Moehring
Project Manager



Figures

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**SITE LOCATION MAP****EOG RESOURCES**

EAST CORBIN INJECTION WELL WIW #1 (1RP-5112)
LEA COUNTY, NM
32.741605, -103.670006



New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntglobal.com

NOTES:

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

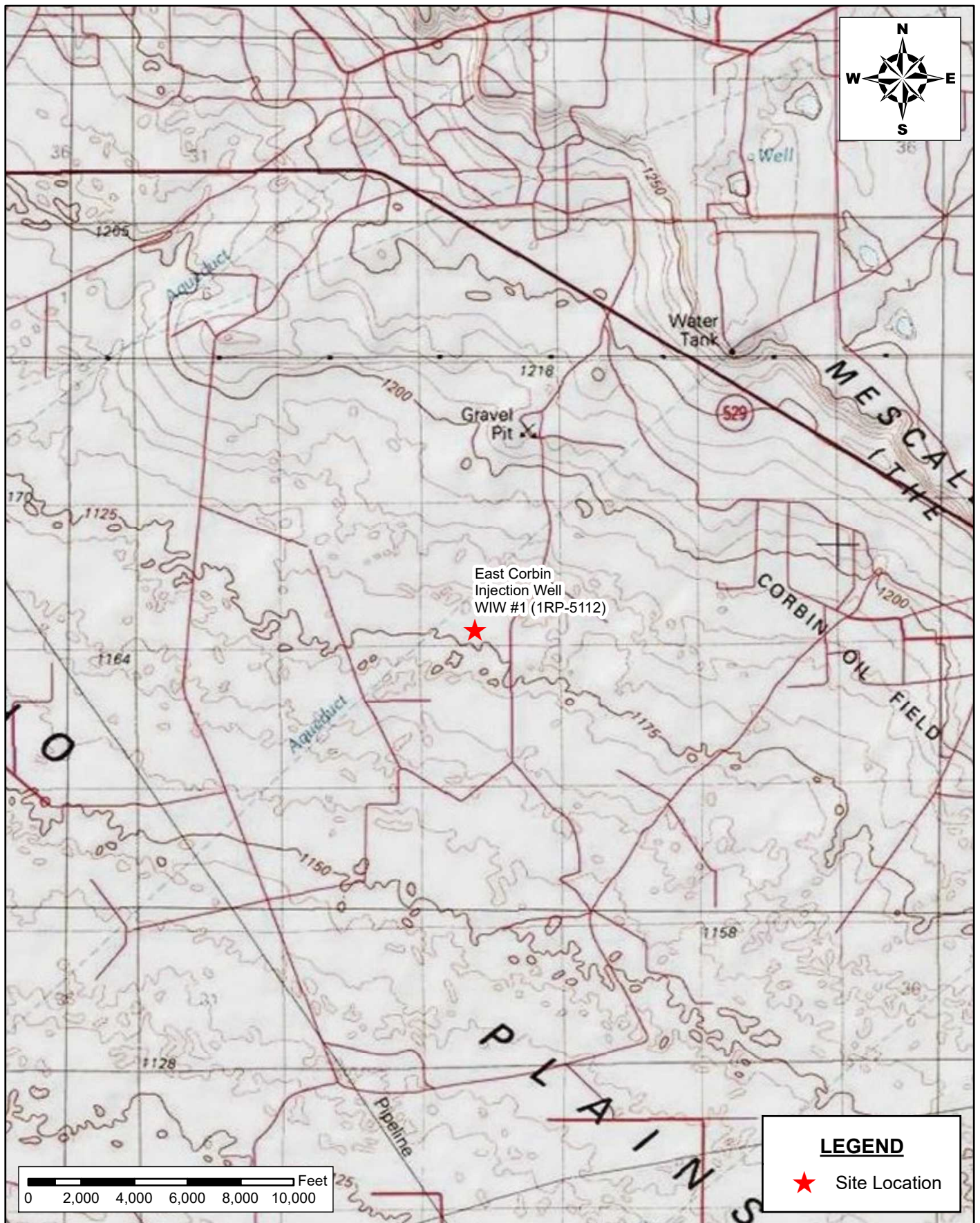
1 of 1

SCALE: AS SHOWN

DATE: 05/11/2021

PROJECT #: 214127

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AREA MAP
EOG RESOURCES
 EAST CORBIN INJECTION WELL WIW #1 (1RP-5112)
 LEA COUNTY, NM
 32.741605, -103.670006

SCALE: AS SHOWN DATE: 05/11/2021 PROJECT #: 214127



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NOTES:

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

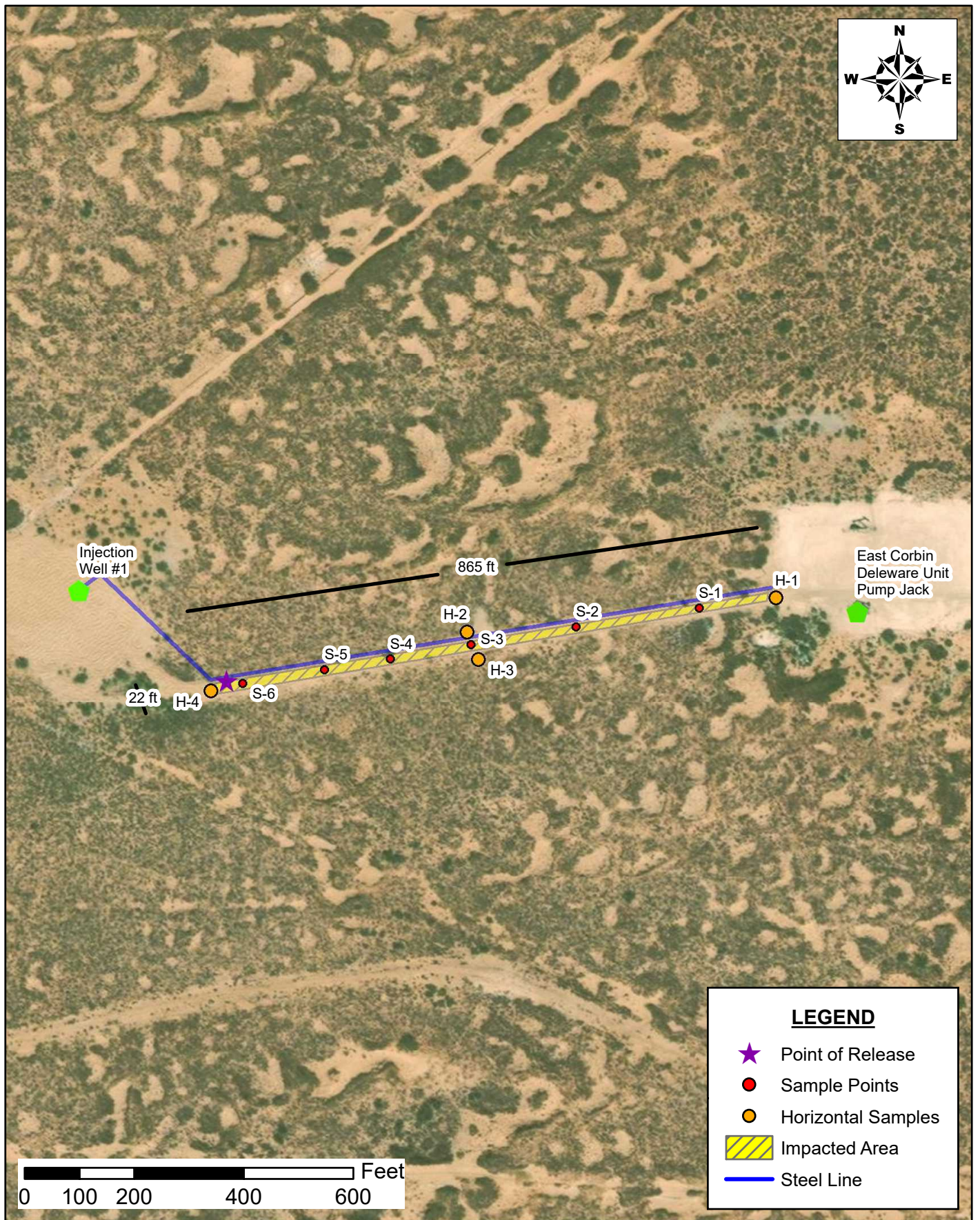
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

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SAMPLE LOCATION MAP
 EOG RESOURCES
 EAST CORBIN INJECTION WELL WIW #1 (1RP-5112)
 LEA COUNTY, NM
 32.741605, -103.670006

SCALE: As Shown

Date: 5/13/2021

PROJECT #: 214127



New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntglobal.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1



Tables

Table 1
EOG Resources
East Corbin Injection Well WIW #1
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	4/20/2021	0-1	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	9.04
	"	1-1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.21
	"	2-2.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	46.9
	"	3-3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.8
S-2	4/20/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7.56
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.8
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	20.8
	"	3-3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	11.0
S-3	4/20/2021	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.9
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	6.15
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	6.33
	"	3-3.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.60
S-4	4/20/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.0
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8.43
	"	2-2.5	<50.0	<50.0	<50.0	<50.0	0.00211	<0.00199	<0.00199	<0.00398	<0.00398	17.0
	"	3-3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	18.3
S-5	4/20/2021	0-1	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8.41
	"	1-1.5	<50.1	<50.1	<50.1	<50.1	0.00236	<0.00200	<0.00200	<0.00399	<0.00399	7.19
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	9.13
	"	3-3.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.9
	"	4-4.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	8.30
S-6	4/20/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	17.1
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	13.9
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.5
	"	3-3.5	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	6.32

Table 1
EOG Resources
East Corbin Injection Well WIW #1
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	4/20/2021	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7.83
H-2	4/20/2021	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.94
H-3	4/20/2021	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	35.0
H-4	4/20/2021	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	9.55
Regulatory Limits						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



Photo Log

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: East Corbin Injection Well WIW #1
1RP-5112

County: Lea County, New Mexico

Description:

View West of areas of (S-1 - S6).



Photograph No. 2

Facility: East Corbin Injection Well WIW #1
1RP-5112

County: Lea County, New Mexico

Description:

View Southwest of areas of (S-1 - S3).



Photograph No. 3

Facility: East Corbin Injection Well WIW #1
1RP-5112

County: Lea County, New Mexico

Description:

View Northeast of areas of (S-4 - S6).





Appendix A

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: EOG Resources	Contact: Jamon Hohensee
Address: 5509 Champions Dr., Midland, TX 79706	Telephone No.: 4325568074
Facility Name: East Corbin Injection Well WIW #1	Facility Type: Injection well

Surface Owner: Caviness Ranch	Mineral Owner: Federal	API No. 30-025-30622
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	16	18S	33E					

Latitude 32.7416 Longitude -103.6700

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 250 bbls	Volume Recovered: 0
Source of Release: steel flow line	Date and Hour of Occurrence 6/14/18	Date and Hour of Discovery 6/14/18
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

RECEIVED
By Olivia Yu at 8:41 am, Jul 03, 2018

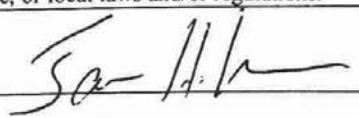
Describe Cause of Problem and Remedial Action Taken.*

On 6/14/18 a steel flow line leading to an injection well ruptured and released approx. 250bbls into the surrounding area along flow line. Flow was shut down and damaged pipe was repaired. Fluids had seeped into sandy soil and there was no recovery. The environmental department was called and will begin remediation according to OCD standards.

Describe Area Affected and Cleanup Action Taken.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Jamon Hohensee	Approval Date: 7/3/2018	Expiration Date:
Title: Environmental Rep	Conditions of Approval:	Attached ☒
E-mail Address: jamon_hohensee@eogresources.com	see attached directive	
Date: 6/27/14 Phone: 432-556-8074		

* Attach Additional Sheets If Necessary

Incident ID	
District RP	1RP-5112
Facility ID	
Application ID	

Site Assessment/Characterization

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?	<u>70</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ 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 ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ 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 ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☒ 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.

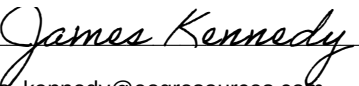
- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile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

Oil Conservation Division

Incident ID	
District RP	1RP-5112
Facility ID	
Application ID	

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: James Kennedy Title: Environmental Specialist
Signature:  Date: 5/13/2021
email: james_kennedy@eogresources.com Telephone: 432.848.9146

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	1RP-5112
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.

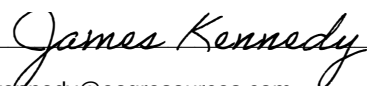
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ 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

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: James Kennedy

Title: Environmental Specialist

Signature: 

Date: 5/13/2021

email: james_kennedy@eogresources.com

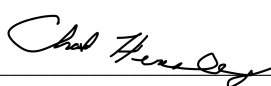
Telephone: 432.848.9146

OCD Only

Received by: Chad Hensley

Date: 12/02/2021

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: 12/02/2021

Printed Name: Chad Hensley

Title: Environmental Specialist Advanced



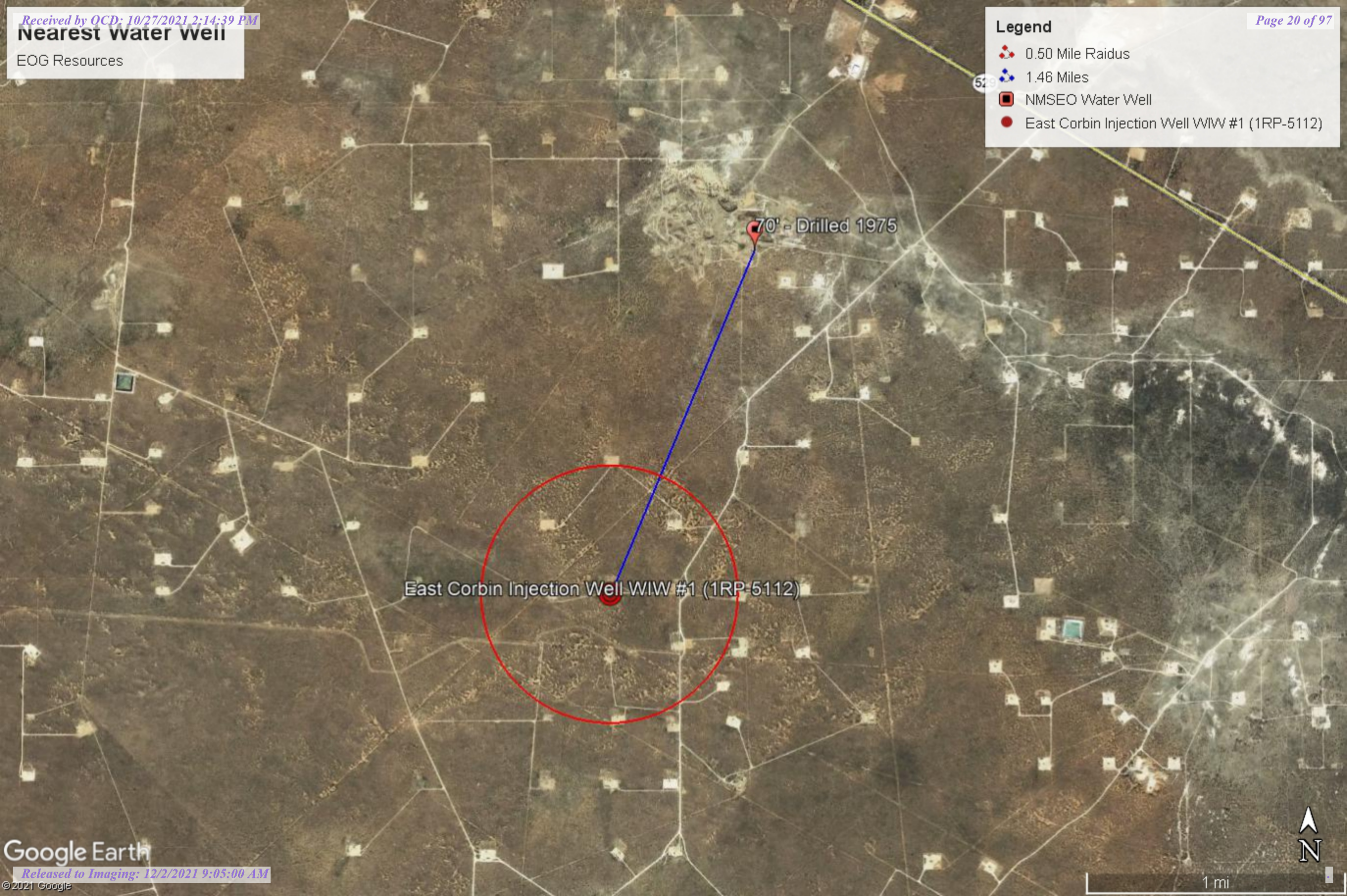
Appendix B

Nearest water well

EOG Resources

Legend

- 0.50 Mile Radius
- 1.46 Miles
- NMSEO Water Well
- East Corbin Injection Well WIW #1 (1RP-5112)





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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD		Q Q Q							X	Y	Depth Well	Depth Water	Water Column	
	Sub-Code	basin	County	64	16	4	Sec	Tws	Rng						
CP 00072 POD1	CP	LE	2	3	4	11	18S	33E	628284	3625242*		85			
CP 00072 POD2	CP	LE			4	11	18S	33E	628386	3625344		90			
CP 00072 POD3	CP	LE	2	4	4	10	18S	33E	627076	3625223*		70			
CP 00072 POD4	CP	LE	1	4	2	10	18S	33E	625948	3626028		70			
CP 00072 POD5	CP	LE	2	1	4	11	18S	33E	628219	3625573		100	64	36	
CP 00072 POD6	CP	LE	2	4	4	11	18S	33E	628603	3625179		100	61	39	
CP 00546 POD1	CP	LE	2	2	4	09	18S	33E	625464	3625597*		90	70	20	
CP 00623 POD1	CP	LE	1	1	1	13	18S	33E	628895	3624852*		82	60	22	
CP 00623 POD2	CP	LE	1	2	1	13	18S	33E	629243	3624542		100			
CP 00691	CP	LE	4	4	2	24	18S	33E	630327	3622662*		215	195	20	
CP 00701	CP	LE		1	3	11	18S	33E	627373	3625534*		100			
CP 00701 POD2	CP	LE	4	1	3	11	18S	33E	627472	3625433*		100			
CP 00758 POD1	CP	LE			3	04	18S	33E	624345	3626886*		250			
CP 00769 POD1	CP	LE	1	1	2	13	18S	33E	629699	3624866*		115	70	45	
CP 00813 POD1	CP	LE			1	33	18S	33E	624441	3619644*		300			
CP 01417 POD1	CP	LE				11	18S	33E	627036	3625738		120	54	66	
CP 01857 POD1	CP	LE	3	4	4	32	18S	33E	623693	3618622					
L 02878	R	L	LE		4	4	12	18S	33E	628946	3736195		205	150	55
L 02878 POD2		L	LE		4	4	12	18S	33E	630196	3625175		220	220	0
L 03454		L	LE		2	2	30	18S	33E	622200	3621422*		100	35	65
L 04649		L	LE	1	1	3	03	18S	33E	625644	3627213*		100	45	55
L 06131		L	LE	3	1	2	08	18S	33E	623241	3626167*		194	100	94
L 06347		L	LE		4	4	12	18S	33E	630196	3625175*		170	130	40
L 08288		L	LE	3	3	3	12	18S	33E	628890	3625054*		79	60	19
L 13406 POD1		L	LE	4	4	4	12	18S	33E	630279	3625061		220		

*UTM location was derived from PLSS - see Help

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

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
------------	--------------	-------	--------	------	------	-----	-----	-----	-----	---	---	------------	-------------	--------------

Average Depth to Water: **93 feet**

Minimum Depth: **35 feet**

Maximum Depth: **220 feet**

Record Count: 25

PLSS Search:

Township: 18S

Range: 33E

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.

4/18/21 3:18 PM

Page 2 of 2

WATER COLUMN/ AVERAGE
DEPTH TO WATER



New Mexico Office of the State Engineer

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	Tw	Rng	X	Y
	CP 00546 POD1	2	2	4	09	18S	33E	625464	3625597* 

Driller License:	208	Driller Company:	VAN NOY, W.L.			
Driller Name:	VAN NOY, W.L.					
Drill Start Date:	06/01/1975	Drill Finish Date:	06/03/1975		Plug Date:	
Log File Date:	10/02/1978	PCW Rcv Date:			Source:	Shallow
Pump Type:		Pipe Discharge Size:			Estimated Yield:	
Casing Size:	6.63	Depth Well:	90 feet		Depth Water:	70 feet

Water Bearing Stratifications:		Top	Bottom	Description
		70	85	Other/Unknown

Casing Perforations:		Top	Bottom
		70	85

*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.

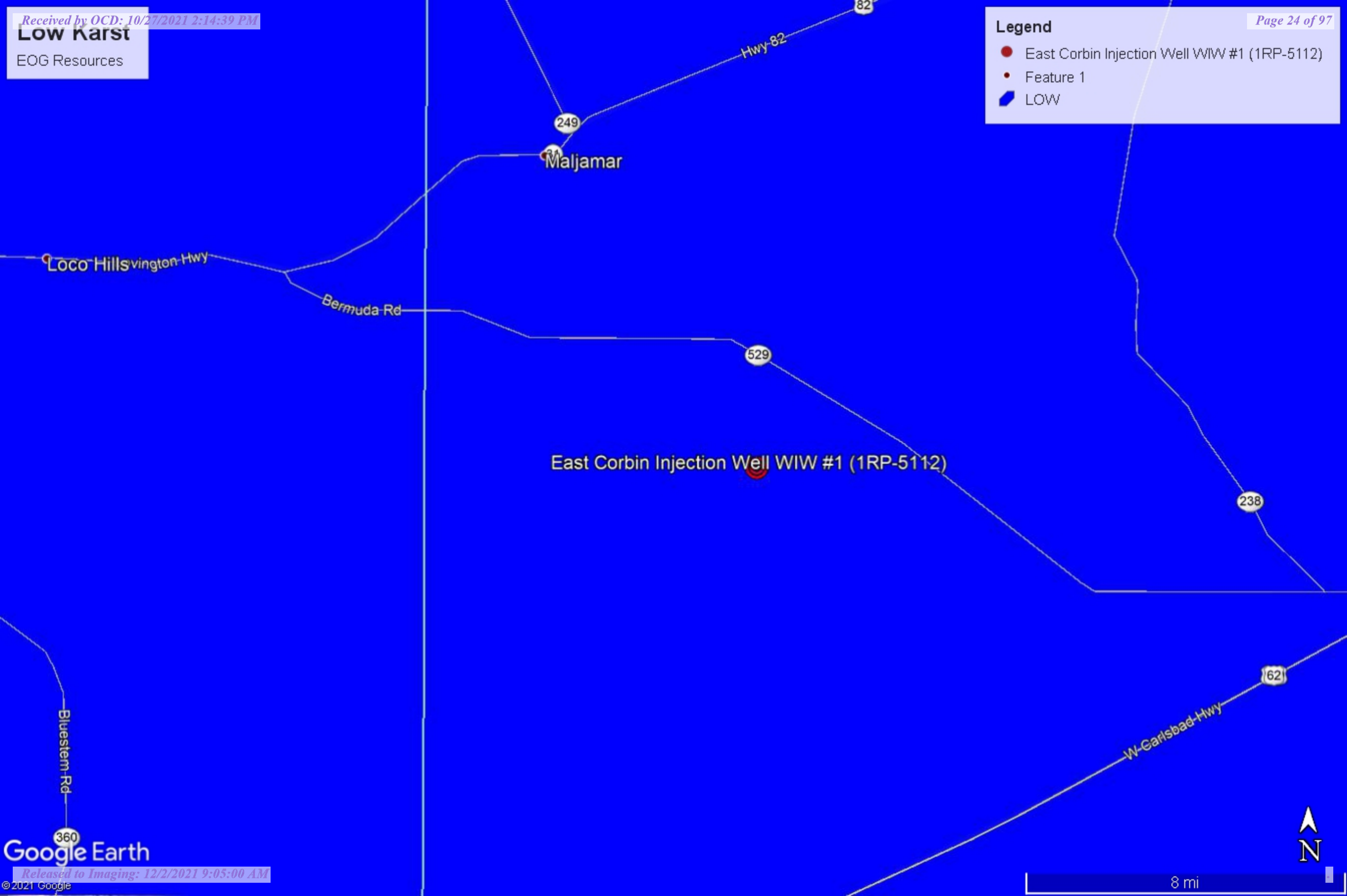
5/11/21 12:53 PM POINT OF DIVERSION SUMMARY

Low Karst

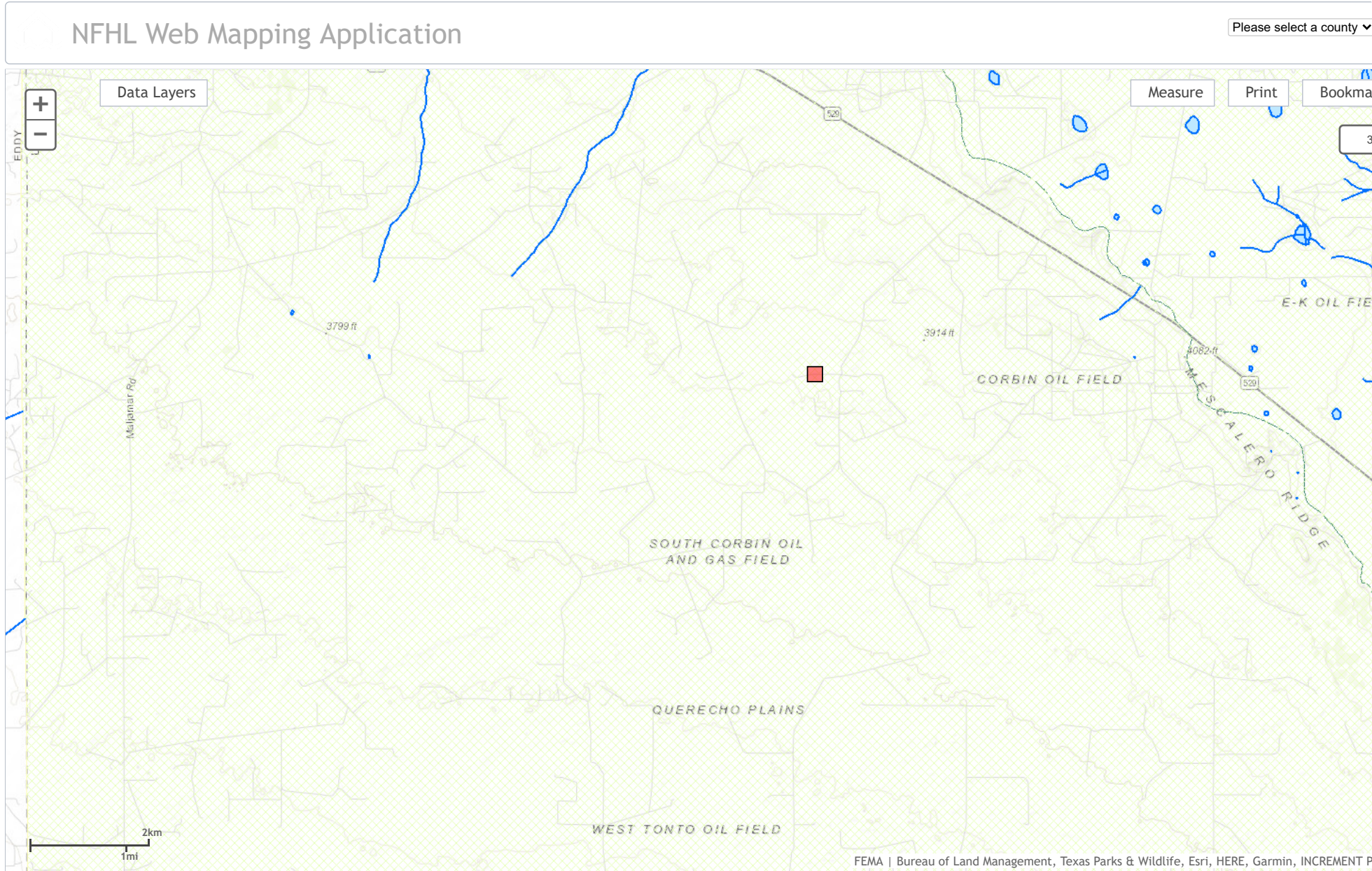
EOG Resources

Legend

- East Corbin Injection Well WIW #1 (1RP-5112)
- Feature 1
- LOW

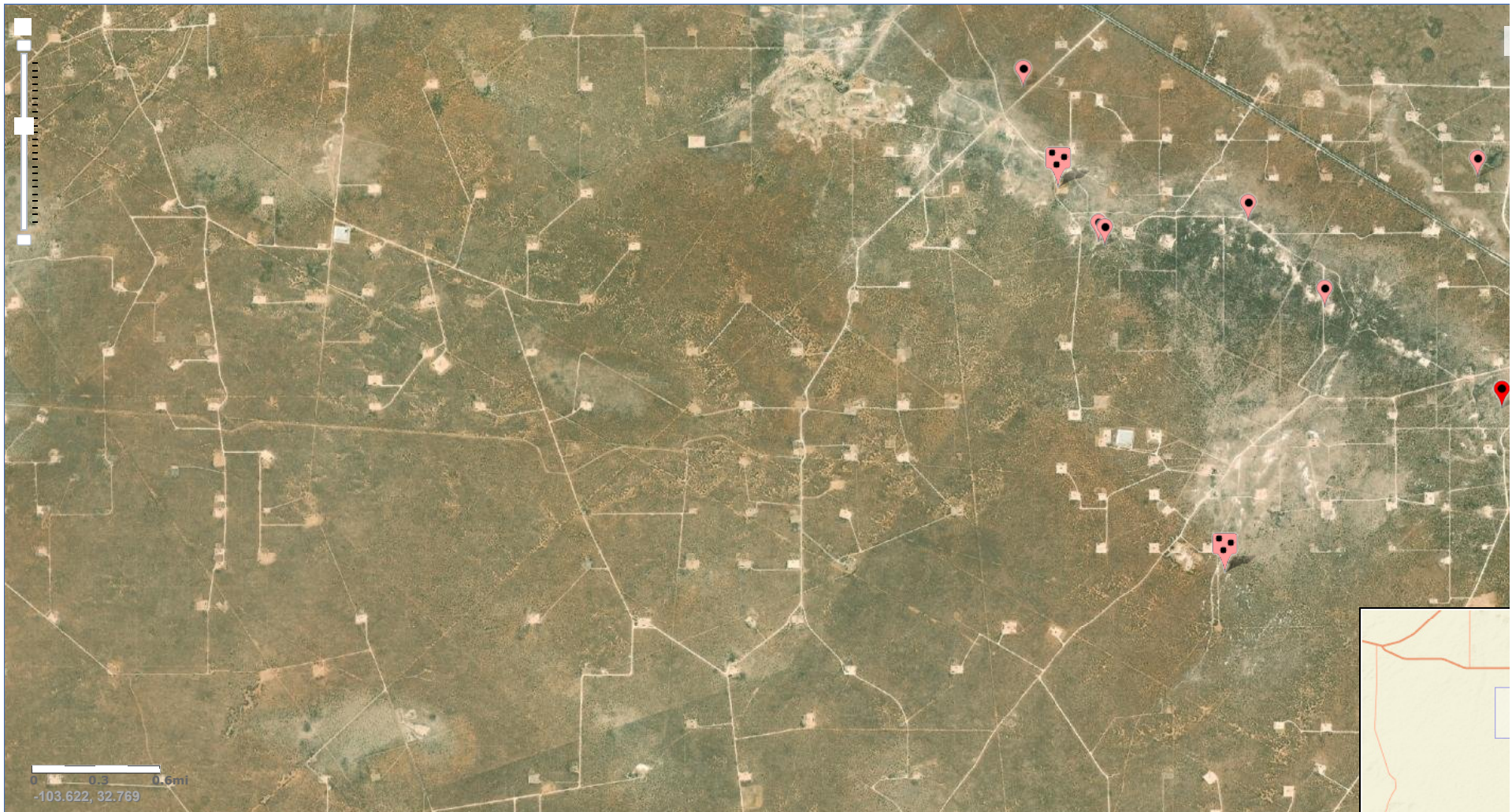


East Corbin Injection Well WIW #1 (1RP-5112)





National Water Information System: Mapper



Site Information



Appendix C



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-1431-1

Laboratory Sample Delivery Group: Lea County NM

Client Project/Site: East Corbin Injection Well WIW #1 - 214127

For:

NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
4/23/2021 2:55:03 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Laboratory Job ID: 880-1431-1
SDG: Lea County NM

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Definitions/Glossary

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Job ID: 880-1431-1

Laboratory: Eurofins Xenco, Midland**Narrative**

**Job Narrative
880-1431-1****Receipt**

The samples were received on 4/20/2021 10:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-1431-1

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/20/21 10:48	04/21/21 18:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/20/21 10:48	04/21/21 18:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/20/21 10:48	04/21/21 18:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/20/21 10:48	04/21/21 18:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/20/21 10:48	04/21/21 18:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/20/21 10:48	04/21/21 18:54	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		04/20/21 10:48	04/21/21 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	04/20/21 10:48	04/21/21 18:54	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/20/21 10:48	04/21/21 18:54	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	49.9		mg/Kg		04/20/21 11:03	04/20/21 16:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 16:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 16:07	1
Total TPH	<49.9	U F1	49.9		mg/Kg		04/20/21 11:03	04/20/21 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/20/21 11:03	04/20/21 16:07	1
o-Terphenyl	108		70 - 130	04/20/21 11:03	04/20/21 16:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.04		4.99		mg/Kg			04/20/21 16:29	1

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-1431-2

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 19:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/20/21 10:48	04/21/21 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 19:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/20/21 10:48	04/21/21 19:15	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		04/20/21 10:48	04/21/21 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	04/20/21 10:48	04/21/21 19:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/20/21 10:48	04/21/21 19:15	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 17:10	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-1431-2

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 17:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 17:10	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 17:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				04/20/21 11:03	04/20/21 17:10	1
o-Terphenyl	116		70 - 130				04/20/21 11:03	04/20/21 17:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.21		5.00		mg/Kg			04/20/21 16:34	1

Client Sample ID: S-1 (2-2.5')

Lab Sample ID: 880-1431-3

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 19:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 19:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 19:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/21 10:48	04/21/21 19:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 19:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/21 10:48	04/21/21 19:35	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/20/21 10:48	04/21/21 19:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				04/20/21 10:48	04/21/21 19:35	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/20/21 10:48	04/21/21 19:35	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 17:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 17:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 17:31	1
Total TPH	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 17:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				04/20/21 11:03	04/20/21 17:31	1
o-Terphenyl	101		70 - 130				04/20/21 11:03	04/20/21 17:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.9		5.00		mg/Kg			04/20/21 16:39	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

Client Sample ID: S-1 (3-3.5')

Lab Sample ID: 880-1431-4

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 19:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 19:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 19:56	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/21 10:48	04/21/21 19:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 19:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/21 10:48	04/21/21 19:56	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/20/21 10:48	04/21/21 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/20/21 10:48	04/21/21 19:56	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/20/21 10:48	04/21/21 19:56	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 17:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 17:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 17:53	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/20/21 11:03	04/20/21 17:53	1
o-Terphenyl	108		70 - 130	04/20/21 11:03	04/20/21 17:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.8		5.00		mg/Kg			04/20/21 16:44	1

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-1431-5

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 20:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 20:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 20:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/20/21 10:48	04/21/21 20:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 20:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/20/21 10:48	04/21/21 20:16	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/20/21 10:48	04/21/21 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/20/21 10:48	04/21/21 20:16	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/20/21 10:48	04/21/21 20:16	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-1431-5

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:14	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				04/20/21 11:03	04/20/21 18:14	1
o-Terphenyl	92		70 - 130				04/20/21 11:03	04/20/21 18:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.56		5.04		mg/Kg			04/20/21 16:49	1

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-1431-6

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 14:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 14:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 14:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 14:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 14:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 14:57	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 14:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				04/21/21 10:00	04/21/21 14:57	1
1,4-Difluorobenzene (Surr)	115		70 - 130				04/21/21 10:00	04/21/21 14:57	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:35	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				04/20/21 11:03	04/20/21 18:35	1
o-Terphenyl	118		70 - 130				04/20/21 11:03	04/20/21 18:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		4.97		mg/Kg			04/20/21 17:05	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-2 (2-2.5')

Lab Sample ID: 880-1431-7

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 16:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 16:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 16:40	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/21/21 10:00	04/21/21 16:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 16:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/21/21 10:00	04/21/21 16:40	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		04/21/21 10:00	04/21/21 16:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	04/21/21 10:00	04/21/21 16:40	1
1,4-Difluorobenzene (Surr)	108		70 - 130	04/21/21 10:00	04/21/21 16:40	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:57	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/20/21 11:03	04/20/21 18:57	1
o-Terphenyl	98		70 - 130	04/20/21 11:03	04/20/21 18:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		4.97		mg/Kg			04/20/21 17:10	1

Client Sample ID: S-2 (3-3.5')

Lab Sample ID: 880-1431-8

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 17:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 17:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 17:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/21 10:00	04/21/21 17:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 17:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/21 10:00	04/21/21 17:01	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/21/21 10:00	04/21/21 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/21/21 10:00	04/21/21 17:01	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/21/21 10:00	04/21/21 17:01	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 19:18	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-2 (3-3.5')

Lab Sample ID: 880-1431-8

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 19:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 19:18	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				04/20/21 11:03	04/20/21 19:18	1
o-Terphenyl	112		70 - 130				04/20/21 11:03	04/20/21 19:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.0		4.97		mg/Kg			04/20/21 17:25	1

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-1431-9

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 17:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 17:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 17:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 17:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 17:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 17:22	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/21/21 10:00	04/21/21 17:22	1
1,4-Difluorobenzene (Surr)	106		70 - 130				04/21/21 10:00	04/21/21 17:22	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 19:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 19:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 19:39	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				04/20/21 11:03	04/20/21 19:39	1
o-Terphenyl	93		70 - 130				04/20/21 11:03	04/20/21 19:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		4.97		mg/Kg			04/20/21 17:30	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-3 (1-1.5')

Lab Sample ID: 880-1431-10

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:00	04/21/21 17:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:00	04/21/21 17:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:00	04/21/21 17:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/21 10:00	04/21/21 17:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:00	04/21/21 17:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/21 10:00	04/21/21 17:42	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		04/21/21 10:00	04/21/21 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/21/21 10:00	04/21/21 17:42	1
1,4-Difluorobenzene (Surr)	113		70 - 130	04/21/21 10:00	04/21/21 17:42	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 20:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 20:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 20:01	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	04/20/21 11:03	04/20/21 20:01	1
o-Terphenyl	94		70 - 130	04/20/21 11:03	04/20/21 20:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.15		4.95		mg/Kg			04/20/21 17:35	1

Client Sample ID: S-3 (2-2.5')

Lab Sample ID: 880-1431-11

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 18:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 18:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 18:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/21/21 10:00	04/21/21 18:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 18:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/21/21 10:00	04/21/21 18:03	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		04/21/21 10:00	04/21/21 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/21/21 10:00	04/21/21 18:03	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/21/21 10:00	04/21/21 18:03	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 20:43	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-3 (2-2.5')

Lab Sample ID: 880-1431-11

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 20:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 20:43	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/20/21 11:03	04/20/21 20:43	1
o-Terphenyl	99		70 - 130				04/20/21 11:03	04/20/21 20:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.33		4.96		mg/Kg			04/20/21 17:40	1

Client Sample ID: S-3 (3-3.5')

Lab Sample ID: 880-1431-12

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 19:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 19:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 19:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/21/21 10:00	04/21/21 19:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 19:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/21/21 10:00	04/21/21 19:26	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		04/21/21 10:00	04/21/21 19:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/21/21 10:00	04/21/21 19:26	1
1,4-Difluorobenzene (Surr)	119		70 - 130				04/21/21 10:00	04/21/21 19:26	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 21:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 21:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 21:04	1
Total TPH	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				04/20/21 11:03	04/20/21 21:04	1
o-Terphenyl	95		70 - 130				04/20/21 11:03	04/20/21 21:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.60		4.98		mg/Kg			04/20/21 17:45	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-1431-13

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 19:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 19:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 19:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 19:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 19:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 19:47	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/21/21 10:00	04/21/21 19:47	1
1,4-Difluorobenzene (Surr)	119		70 - 130	04/21/21 10:00	04/21/21 19:47	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 21:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 21:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 21:26	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	04/20/21 11:03	04/20/21 21:26	1
o-Terphenyl	99		70 - 130	04/20/21 11:03	04/20/21 21:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.0		4.98		mg/Kg			04/20/21 17:50	1

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-1431-14

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 20:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 20:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 20:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/21 10:00	04/21/21 20:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 20:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/21 10:00	04/21/21 20:07	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/21/21 10:00	04/21/21 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/21/21 10:00	04/21/21 20:07	1
1,4-Difluorobenzene (Surr)	121		70 - 130	04/21/21 10:00	04/21/21 20:07	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 21:47	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-1431-14

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 21:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 21:47	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/20/21 11:03	04/20/21 21:47	1
o-Terphenyl	100		70 - 130				04/20/21 11:03	04/20/21 21:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.43		4.99		mg/Kg			04/20/21 17:55	1

Client Sample ID: S-4 (2-2.5')

Lab Sample ID: 880-1431-15

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00211		0.00199		mg/Kg		04/21/21 10:00	04/21/21 20:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 20:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 20:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 20:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 20:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 20:28	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 20:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/21/21 10:00	04/21/21 20:28	1
1,4-Difluorobenzene (Surr)	108		70 - 130				04/21/21 10:00	04/21/21 20:28	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 22:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 22:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 22:09	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 22:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				04/20/21 11:03	04/20/21 22:09	1
o-Terphenyl	103		70 - 130				04/20/21 11:03	04/20/21 22:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		5.03		mg/Kg			04/22/21 22:19	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

Client Sample ID: S-4 (3-3.5')

Lab Sample ID: 880-1431-16

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 20:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 20:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 20:49	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/21 10:00	04/21/21 20:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 20:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/21 10:00	04/21/21 20:49	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/21/21 10:00	04/21/21 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/21/21 10:00	04/21/21 20:49	1
1,4-Difluorobenzene (Surr)	112		70 - 130	04/21/21 10:00	04/21/21 20:49	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 22:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 22:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 22:30	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	04/20/21 11:03	04/20/21 22:30	1
o-Terphenyl	94		70 - 130	04/20/21 11:03	04/20/21 22:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.3		5.00		mg/Kg			04/22/21 22:24	1

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-1431-17

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:00	04/21/21 21:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:00	04/21/21 21:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:00	04/21/21 21:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/21 10:00	04/21/21 21:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:00	04/21/21 21:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/21 10:00	04/21/21 21:09	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		04/21/21 10:00	04/21/21 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/21/21 10:00	04/21/21 21:09	1
1,4-Difluorobenzene (Surr)	117		70 - 130	04/21/21 10:00	04/21/21 21:09	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/20/21 11:03	04/20/21 22:51	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-1431-17

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/20/21 11:03	04/20/21 22:51	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/20/21 11:03	04/20/21 22:51	1
Total TPH	<50.1	U	50.1		mg/Kg		04/20/21 11:03	04/20/21 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				04/20/21 11:03	04/20/21 22:51	1
o-Terphenyl	90		70 - 130				04/20/21 11:03	04/20/21 22:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.41		4.98		mg/Kg			04/22/21 22:39	1

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 880-1431-18

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00236		0.00200		mg/Kg		04/21/21 10:00	04/21/21 21:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 21:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 21:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/21/21 10:00	04/21/21 21:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 21:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/21/21 10:00	04/21/21 21:30	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		04/21/21 10:00	04/21/21 21:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/21/21 10:00	04/21/21 21:30	1
1,4-Difluorobenzene (Surr)	125		70 - 130				04/21/21 10:00	04/21/21 21:30	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/20/21 11:03	04/20/21 23:13	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/20/21 11:03	04/20/21 23:13	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/20/21 11:03	04/20/21 23:13	1
Total TPH	<50.1	U	50.1		mg/Kg		04/20/21 11:03	04/20/21 23:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				04/20/21 11:03	04/20/21 23:13	1
o-Terphenyl	99		70 - 130				04/20/21 11:03	04/20/21 23:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.19		4.96		mg/Kg			04/22/21 22:44	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 880-1431-19

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/21/21 10:00	04/21/21 21:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/21/21 10:00	04/21/21 21:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/21/21 10:00	04/21/21 21:51	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/21/21 10:00	04/21/21 21:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/21/21 10:00	04/21/21 21:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/21/21 10:00	04/21/21 21:51	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		04/21/21 10:00	04/21/21 21:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/21/21 10:00	04/21/21 21:51	1
1,4-Difluorobenzene (Surr)	119		70 - 130	04/21/21 10:00	04/21/21 21:51	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 23:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 23:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 23:34	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:03	04/20/21 23:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	04/20/21 11:03	04/20/21 23:34	1
o-Terphenyl	107		70 - 130	04/20/21 11:03	04/20/21 23:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.13		4.99		mg/Kg			04/22/21 23:00	1

Client Sample ID: S-5 (3-3.5')

Lab Sample ID: 880-1431-20

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 22:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 22:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 22:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 22:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:00	04/21/21 22:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 22:12	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/21/21 10:00	04/21/21 22:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	04/21/21 10:00	04/21/21 22:12	1
1,4-Difluorobenzene (Surr)	110		70 - 130	04/21/21 10:00	04/21/21 22:12	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 23:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-5 (3-3.5')

Lab Sample ID: 880-1431-20

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 23:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 23:56	1
Total TPH	<49.8	U	49.8		mg/Kg		04/20/21 11:03	04/20/21 23:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				04/20/21 11:03	04/20/21 23:56	1
o-Terphenyl	92		70 - 130				04/20/21 11:03	04/20/21 23:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		4.97		mg/Kg			04/22/21 23:05	1

Client Sample ID: S-5 (4-4.5')

Lab Sample ID: 880-1431-21

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/21/21 10:00	04/21/21 22:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/21/21 10:00	04/21/21 22:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/21/21 10:00	04/21/21 22:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/21/21 10:00	04/21/21 22:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/21/21 10:00	04/21/21 22:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/21/21 10:00	04/21/21 22:32	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		04/21/21 10:00	04/21/21 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				04/21/21 10:00	04/21/21 22:32	1
1,4-Difluorobenzene (Surr)	115		70 - 130				04/21/21 10:00	04/21/21 22:32	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 03:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 03:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 03:50	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				04/20/21 11:25	04/21/21 03:50	1
o-Terphenyl	74		70 - 130				04/20/21 11:25	04/21/21 03:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.30		5.00		mg/Kg			04/22/21 23:10	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-1431-22

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/21/21 10:10	04/21/21 15:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/21/21 10:10	04/21/21 15:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/21/21 10:10	04/21/21 15:19	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/21/21 10:10	04/21/21 15:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/21/21 10:10	04/21/21 15:19	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/21/21 10:10	04/21/21 15:19	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		04/21/21 10:10	04/21/21 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/21/21 10:10	04/21/21 15:19	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/21/21 10:10	04/21/21 15:19	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 04:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 04:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 04:11	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 04:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	04/20/21 11:25	04/21/21 04:11	1
o-Terphenyl	76		70 - 130	04/20/21 11:25	04/21/21 04:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		5.01		mg/Kg			04/22/21 23:15	1

Client Sample ID: S-6 (1-1.5')

Lab Sample ID: 880-1431-23

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:10	04/21/21 15:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:10	04/21/21 15:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:10	04/21/21 15:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/21/21 10:10	04/21/21 15:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/21/21 10:10	04/21/21 15:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/21/21 10:10	04/21/21 15:39	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/21/21 10:10	04/21/21 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/21/21 10:10	04/21/21 15:39	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/21/21 10:10	04/21/21 15:39	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 04:32	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-6 (1-1.5')

Lab Sample ID: 880-1431-23

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 04:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 04:32	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 04:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				04/20/21 11:25	04/21/21 04:32	1
o-Terphenyl	78		70 - 130				04/20/21 11:25	04/21/21 04:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.9		5.01		mg/Kg			04/22/21 23:20	1

Client Sample ID: S-6 (2-2.5')

Lab Sample ID: 880-1431-24

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:10	04/21/21 15:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:10	04/21/21 15:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:10	04/21/21 15:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/21/21 10:10	04/21/21 15:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/21/21 10:10	04/21/21 15:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/21/21 10:10	04/21/21 15:59	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		04/21/21 10:10	04/21/21 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/21/21 10:10	04/21/21 15:59	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/21/21 10:10	04/21/21 15:59	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 04:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 04:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 04:54	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 04:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				04/20/21 11:25	04/21/21 04:54	1
o-Terphenyl	89		70 - 130				04/20/21 11:25	04/21/21 04:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.5		5.03		mg/Kg			04/22/21 23:25	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

Client Sample ID: S-6 (3-3.5')

Lab Sample ID: 880-1431-25

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/21/21 10:10	04/21/21 16:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/21/21 10:10	04/21/21 16:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/21/21 10:10	04/21/21 16:20	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		04/21/21 10:10	04/21/21 16:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/21/21 10:10	04/21/21 16:20	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/21/21 10:10	04/21/21 16:20	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		04/21/21 10:10	04/21/21 16:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/21/21 10:10	04/21/21 16:20	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/21/21 10:10	04/21/21 16:20	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 05:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 05:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 05:15	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 05:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	04/20/21 11:25	04/21/21 05:15	1
o-Terphenyl	77		70 - 130	04/20/21 11:25	04/21/21 05:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.32		5.02		mg/Kg			04/22/21 23:30	1

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-1431-1	S-1 (0-1')	134 S1+	97
880-1431-2	S-1 (1-1.5')	141 S1+	98
880-1431-3	S-1 (2-2.5')	117	93
880-1431-4	S-1 (3-3.5')	109	109
880-1431-5	S-2 (0-1')	113	99
880-1431-6	S-2 (1-1.5')	93	115
880-1431-7	S-2 (2-2.5')	87	108
880-1431-8	S-2 (3-3.5')	97	105
880-1431-9	S-3 (0-1')	107	106
880-1431-10	S-3 (1-1.5')	103	113
880-1431-11	S-3 (2-2.5')	96	104
880-1431-12	S-3 (3-3.5')	104	119
880-1431-13	S-4 (0-1')	98	119
880-1431-14	S-4 (1-1.5')	101	121
880-1431-15	S-4 (2-2.5')	89	108
880-1431-16	S-4 (3-3.5')	95	112
880-1431-17	S-5 (0-1')	104	117
880-1431-18	S-5 (1-1.5')	99	125
880-1431-19	S-5 (2-2.5')	94	119
880-1431-20	S-5 (3-3.5')	121	110
880-1431-21	S-5 (4-4.5')	98	115
880-1431-22	S-6 (0-1')	101	93
880-1431-23	S-6 (1-1.5')	103	96
880-1431-24	S-6 (2-2.5')	101	94
880-1431-25	S-6 (3-3.5')	97	92
LCS 880-2053/1-A	Lab Control Sample	93	109
LCS 880-2085/1-A	Lab Control Sample	105	101
LCSD 880-2053/2-A	Lab Control Sample Dup	98	112
LCSD 880-2085/2-A	Lab Control Sample Dup	107	102
MB 880-2053/5-A	Method Blank	106	94
MB 880-2085/5-A	Method Blank	87	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
880-1431-6 MS	S-2 (1-1.5')		
880-1431-6 MSD	S-2 (1-1.5')		

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-1431-1	S-1 (0-1')	110	108
880-1431-1 MS	S-1 (0-1')	112	104
880-1431-1 MSD	S-1 (0-1')	128	106
880-1431-2	S-1 (1-1.5')	119	116
880-1431-3	S-1 (2-2.5')	104	101
880-1431-4	S-1 (3-3.5')	110	108
880-1431-5	S-2 (0-1')	98	92
880-1431-6	S-2 (1-1.5')	119	118
880-1431-7	S-2 (2-2.5')	107	98
880-1431-8	S-2 (3-3.5')	116	112
880-1431-9	S-3 (0-1')	96	93
880-1431-10	S-3 (1-1.5')	102	94
880-1431-11	S-3 (2-2.5')	109	99
880-1431-12	S-3 (3-3.5')	101	95
880-1431-13	S-4 (0-1')	104	99
880-1431-14	S-4 (1-1.5')	109	100
880-1431-15	S-4 (2-2.5')	111	103
880-1431-16	S-4 (3-3.5')	102	94
880-1431-17	S-5 (0-1')	98	90
880-1431-18	S-5 (1-1.5')	109	99
880-1431-19	S-5 (2-2.5')	113	107
880-1431-20	S-5 (3-3.5')	100	92
880-1431-21	S-5 (4-4.5')	79	74
880-1431-22	S-6 (0-1')	84	76
880-1431-23	S-6 (1-1.5')	84	78
880-1431-24	S-6 (2-2.5')	98	89
880-1431-25	S-6 (3-3.5')	83	77
LCS 880-2034/2-A	Lab Control Sample	118	105
LCS 880-2036/2-A	Lab Control Sample	119	103
LCSD 880-2034/3-A	Lab Control Sample Dup	122	107
LCSD 880-2036/3-A	Lab Control Sample Dup	111	100
MB 880-2034/1-A	Method Blank	106	105
MB 880-2036/1-A	Method Blank	105	104

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-2053/5-A

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 14:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 14:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 14:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/21 10:00	04/21/21 14:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:00	04/21/21 14:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/21 10:00	04/21/21 14:35	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/21/21 10:00	04/21/21 14:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/21/21 10:00	04/21/21 14:35	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/21/21 10:00	04/21/21 14:35	1

Lab Sample ID: LCS 880-2053/1-A

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2053

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09983		mg/Kg		100	70 - 130
Toluene	0.100	0.1071		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1073		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2074		mg/Kg		104	70 - 130
o-Xylene	0.100	0.09841		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-2053/2-A

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2053

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1049		mg/Kg		105	70 - 130	5	35
Toluene	0.100	0.1094		mg/Kg		109	70 - 130	2	35
Ethylbenzene	0.100	0.1071		mg/Kg		107	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2156		mg/Kg		108	70 - 130	4	35
o-Xylene	0.100	0.1020		mg/Kg		102	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-1431-6 MS

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: S-2 (1-1.5')

Prep Type: Total/NA

Prep Batch: 2053

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.101	0.1063		mg/Kg			

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QC Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-1431-6 MS

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: S-2 (1-1.5')

Prep Type: Total/NA

Prep Batch: 2053

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00199	U	0.101	0.1181		mg/Kg			
Ethylbenzene	<0.00199	U	0.101	0.1057		mg/Kg			
m-Xylene & p-Xylene	<0.00398	U	0.201	0.2190		mg/Kg			
o-Xylene	<0.00199	U	0.101	0.1022		mg/Kg			

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: 880-1431-6 MSD

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: S-2 (1-1.5')

Prep Type: Total/NA

Prep Batch: 2053

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.009703		mg/Kg					
Toluene	<0.00199	U	0.0996	0.006046		mg/Kg					
Ethylbenzene	<0.00199	U	0.0996	0.05962		mg/Kg					
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1378		mg/Kg					
o-Xylene	<0.00199	U	0.0996	0.1830		mg/Kg					

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)			
1,4-Difluorobenzene (Surr)			

Lab Sample ID: MB 880-2085/5-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2085

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:10	04/21/21 13:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/21/21 10:10	04/21/21 13:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/21/21 10:10	04/21/21 13:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	04/21/21 10:10	04/21/21 13:15	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/21/21 10:10	04/21/21 13:15	1

Lab Sample ID: LCS 880-2085/1-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09845		mg/Kg		98	70 - 130
Toluene	0.100	0.09288		mg/Kg		93	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-2085/1-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.09542		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	0.200	0.2038		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1007		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-2085/2-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2085

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	8	35
Toluene	0.100	0.1020		mg/Kg		102	70 - 130	9	35
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2247		mg/Kg		112	70 - 130	10	35
o-Xylene	0.100	0.1116		mg/Kg		112	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-2034/1-A

Matrix: Solid

Analysis Batch: 2044

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 15:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 15:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 15:04	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:03	04/20/21 15:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	04/20/21 11:03	04/20/21 15:04	1
o-Terphenyl	105		70 - 130	04/20/21 11:03	04/20/21 15:04	1

Lab Sample ID: LCS 880-2034/2-A

Matrix: Solid

Analysis Batch: 2044

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1200		mg/Kg		120	70 - 130

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QC Sample Results

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-2034/2-A

Matrix: Solid

Analysis Batch: 2044

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2034

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	1016		mg/Kg		102	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	118		70 - 130								
o-Terphenyl	105		70 - 130								

Lab Sample ID: LCSD 880-2034/3-A

Matrix: Solid

Analysis Batch: 2044

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2034

Top Data: 100%											
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
			Added	Result	Qualifier				Limits	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1254		mg/Kg		125	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1059		mg/Kg		106	70 - 130	4	20
Bottom Data: 100%											
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane	122		70 - 130								
o-Terphenyl	107		70 - 130								

Lab Sample ID: 880-1431-1 MS

Matrix: Solid

Analysis Batch: 2044

Client Sample ID: S-1 (0-1')

Prep Type: Total/NA

Prep Batch: 2034

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	998	1187		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1103		mg/Kg		110	70 - 130		

Lab Sample ID: 880-1431-1 MSD

Matrix: Solid

Analysis Batch: 2044

Client Sample ID: S-1 (0-1')

Prep Type: Total/NA

Prep Batch: 2034

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	998	1518	F1 F2	mg/Kg		149	70 - 130	25	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1175		mg/Kg		118	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	128		70 - 130								
o-Terphenyl	106		70 - 130								

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QC Sample Results

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-2036/1-A

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2036

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 00:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 00:39	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 00:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	04/20/21 11:25	04/21/21 00:39	1
o-Terphenyl	104		70 - 130	04/20/21 11:25	04/21/21 00:39	1

Lab Sample ID: LCS 880-2036/2-A

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2036

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1045		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	119		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: LCSD 880-2036/3-A

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2036

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1205		mg/Kg		120	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	972.5		mg/Kg		97	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	100		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-2037/1-A

Matrix: Solid

Analysis Batch: 2054

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/20/21 15:23	1

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QC Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-2037/2-A

Matrix: Solid

Analysis Batch: 2054

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	254.3		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-2037/3-A

Matrix: Solid

Analysis Batch: 2054

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	252.4		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-1431-5 MS

Matrix: Solid

Analysis Batch: 2054

Client Sample ID: S-2 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7.56		252	261.6		mg/Kg		101	90 - 110

Lab Sample ID: 880-1431-5 MSD

Matrix: Solid

Analysis Batch: 2054

Client Sample ID: S-2 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7.56		252	260.1		mg/Kg		100	90 - 110	1	20

Lab Sample ID: MB 880-2038/1-A

Matrix: Solid

Analysis Batch: 2180

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/22/21 20:58	1

Lab Sample ID: LCS 880-2038/2-A

Matrix: Solid

Analysis Batch: 2180

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	257.4		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-2038/3-A

Matrix: Solid

Analysis Batch: 2180

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	256.4		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-1431-16 MS

Matrix: Solid

Analysis Batch: 2180

Client Sample ID: S-4 (3-3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	18.3		250	256.1		mg/Kg		95	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-1431-16 MSD

Client Sample ID: S-4 (3-3.5')

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 2180

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limits
Chloride	18.3		250	266.2		mg/Kg		99	90 - 110	4	20

QC Association Summary

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

GC VOA

Prep Batch: 2029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-1	S-1 (0-1')	Total/NA	Solid	5035	
880-1431-2	S-1 (1-1.5')	Total/NA	Solid	5035	
880-1431-3	S-1 (2-2.5')	Total/NA	Solid	5035	
880-1431-4	S-1 (3-3.5')	Total/NA	Solid	5035	
880-1431-5	S-2 (0-1')	Total/NA	Solid	5035	

Prep Batch: 2053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-6	S-2 (1-1.5')	Total/NA	Solid	5035	
880-1431-7	S-2 (2-2.5')	Total/NA	Solid	5035	
880-1431-8	S-2 (3-3.5')	Total/NA	Solid	5035	
880-1431-9	S-3 (0-1')	Total/NA	Solid	5035	
880-1431-10	S-3 (1-1.5')	Total/NA	Solid	5035	
880-1431-11	S-3 (2-2.5')	Total/NA	Solid	5035	
880-1431-12	S-3 (3-3.5')	Total/NA	Solid	5035	
880-1431-13	S-4 (0-1')	Total/NA	Solid	5035	
880-1431-14	S-4 (1-1.5')	Total/NA	Solid	5035	
880-1431-15	S-4 (2-2.5')	Total/NA	Solid	5035	
880-1431-16	S-4 (3-3.5')	Total/NA	Solid	5035	
880-1431-17	S-5 (0-1')	Total/NA	Solid	5035	
880-1431-18	S-5 (1-1.5')	Total/NA	Solid	5035	
880-1431-19	S-5 (2-2.5')	Total/NA	Solid	5035	
880-1431-20	S-5 (3-3.5')	Total/NA	Solid	5035	
880-1431-21	S-5 (4-4.5')	Total/NA	Solid	5035	
MB 880-2053/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2053/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2053/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1431-6 MS	S-2 (1-1.5')	Total/NA	Solid	5035	
880-1431-6 MSD	S-2 (1-1.5')	Total/NA	Solid	5035	

Analysis Batch: 2080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-1	S-1 (0-1')	Total/NA	Solid	8021B	2029
880-1431-2	S-1 (1-1.5')	Total/NA	Solid	8021B	2029
880-1431-3	S-1 (2-2.5')	Total/NA	Solid	8021B	2029
880-1431-4	S-1 (3-3.5')	Total/NA	Solid	8021B	2029
880-1431-5	S-2 (0-1')	Total/NA	Solid	8021B	2029

Analysis Batch: 2083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-6	S-2 (1-1.5')	Total/NA	Solid	8021B	2053
880-1431-7	S-2 (2-2.5')	Total/NA	Solid	8021B	2053
880-1431-8	S-2 (3-3.5')	Total/NA	Solid	8021B	2053
880-1431-9	S-3 (0-1')	Total/NA	Solid	8021B	2053
880-1431-10	S-3 (1-1.5')	Total/NA	Solid	8021B	2053
880-1431-11	S-3 (2-2.5')	Total/NA	Solid	8021B	2053
880-1431-12	S-3 (3-3.5')	Total/NA	Solid	8021B	2053
880-1431-13	S-4 (0-1')	Total/NA	Solid	8021B	2053
880-1431-14	S-4 (1-1.5')	Total/NA	Solid	8021B	2053
880-1431-15	S-4 (2-2.5')	Total/NA	Solid	8021B	2053
880-1431-16	S-4 (3-3.5')	Total/NA	Solid	8021B	2053

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QC Association Summary

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 2083 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-17	S-5 (0-1')	Total/NA	Solid	8021B	2053
880-1431-18	S-5 (1-1.5')	Total/NA	Solid	8021B	2053
880-1431-19	S-5 (2-2.5')	Total/NA	Solid	8021B	2053
880-1431-20	S-5 (3-3.5')	Total/NA	Solid	8021B	2053
880-1431-21	S-5 (4-4.5')	Total/NA	Solid	8021B	2053
MB 880-2053/5-A	Method Blank	Total/NA	Solid	8021B	2053
LCS 880-2053/1-A	Lab Control Sample	Total/NA	Solid	8021B	2053
LCSD 880-2053/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2053
880-1431-6 MS	S-2 (1-1.5')	Total/NA	Solid	8021B	2053
880-1431-6 MSD	S-2 (1-1.5')	Total/NA	Solid	8021B	2053

Analysis Batch: 2084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-22	S-6 (0-1')	Total/NA	Solid	8021B	2085
880-1431-23	S-6 (1-1.5')	Total/NA	Solid	8021B	2085
880-1431-24	S-6 (2-2.5')	Total/NA	Solid	8021B	2085
880-1431-25	S-6 (3-3.5')	Total/NA	Solid	8021B	2085
MB 880-2085/5-A	Method Blank	Total/NA	Solid	8021B	2085
LCS 880-2085/1-A	Lab Control Sample	Total/NA	Solid	8021B	2085
LCSD 880-2085/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2085

Prep Batch: 2085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-22	S-6 (0-1')	Total/NA	Solid	5035	
880-1431-23	S-6 (1-1.5')	Total/NA	Solid	5035	
880-1431-24	S-6 (2-2.5')	Total/NA	Solid	5035	
880-1431-25	S-6 (3-3.5')	Total/NA	Solid	5035	
MB 880-2085/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2085/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2085/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 2034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-1431-2	S-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-1431-3	S-1 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-1431-4	S-1 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-1431-5	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-1431-6	S-2 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-1431-7	S-2 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-1431-8	S-2 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-1431-9	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-1431-10	S-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-1431-11	S-3 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-1431-12	S-3 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-1431-13	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-1431-14	S-4 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-1431-15	S-4 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-1431-16	S-4 (3-3.5')	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

GC Semi VOA (Continued)

Prep Batch: 2034 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-17	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-1431-18	S-5 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-1431-19	S-5 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-1431-20	S-5 (3-3.5')	Total/NA	Solid	8015NM Prep	
MB 880-2034/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2034/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2034/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1431-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-1431-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 2036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-21	S-5 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-1431-22	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-1431-23	S-6 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-1431-24	S-6 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-1431-25	S-6 (3-3.5')	Total/NA	Solid	8015NM Prep	
MB 880-2036/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2036/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2036/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 2044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-1	S-1 (0-1')	Total/NA	Solid	8015B NM	2034
880-1431-2	S-1 (1-1.5')	Total/NA	Solid	8015B NM	2034
880-1431-3	S-1 (2-2.5')	Total/NA	Solid	8015B NM	2034
880-1431-4	S-1 (3-3.5')	Total/NA	Solid	8015B NM	2034
880-1431-5	S-2 (0-1')	Total/NA	Solid	8015B NM	2034
880-1431-6	S-2 (1-1.5')	Total/NA	Solid	8015B NM	2034
880-1431-7	S-2 (2-2.5')	Total/NA	Solid	8015B NM	2034
880-1431-8	S-2 (3-3.5')	Total/NA	Solid	8015B NM	2034
880-1431-9	S-3 (0-1')	Total/NA	Solid	8015B NM	2034
880-1431-10	S-3 (1-1.5')	Total/NA	Solid	8015B NM	2034
880-1431-11	S-3 (2-2.5')	Total/NA	Solid	8015B NM	2034
880-1431-12	S-3 (3-3.5')	Total/NA	Solid	8015B NM	2034
880-1431-13	S-4 (0-1')	Total/NA	Solid	8015B NM	2034
880-1431-14	S-4 (1-1.5')	Total/NA	Solid	8015B NM	2034
880-1431-15	S-4 (2-2.5')	Total/NA	Solid	8015B NM	2034
880-1431-16	S-4 (3-3.5')	Total/NA	Solid	8015B NM	2034
880-1431-17	S-5 (0-1')	Total/NA	Solid	8015B NM	2034
880-1431-18	S-5 (1-1.5')	Total/NA	Solid	8015B NM	2034
880-1431-19	S-5 (2-2.5')	Total/NA	Solid	8015B NM	2034
880-1431-20	S-5 (3-3.5')	Total/NA	Solid	8015B NM	2034
MB 880-2034/1-A	Method Blank	Total/NA	Solid	8015B NM	2034
LCS 880-2034/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2034
LCSD 880-2034/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2034
880-1431-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	2034
880-1431-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	2034

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

GC Semi VOA

Analysis Batch: 2046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-21	S-5 (4-4.5')	Total/NA	Solid	8015B NM	2036
880-1431-22	S-6 (0-1')	Total/NA	Solid	8015B NM	2036
880-1431-23	S-6 (1-1.5')	Total/NA	Solid	8015B NM	2036
880-1431-24	S-6 (2-2.5')	Total/NA	Solid	8015B NM	2036
880-1431-25	S-6 (3-3.5')	Total/NA	Solid	8015B NM	2036
MB 880-2036/1-A	Method Blank	Total/NA	Solid	8015B NM	2036
LCS 880-2036/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2036
LCSD 880-2036/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2036

HPLC/IC

Leach Batch: 2037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-1431-2	S-1 (1-1.5')	Soluble	Solid	DI Leach	
880-1431-3	S-1 (2-2.5')	Soluble	Solid	DI Leach	
880-1431-4	S-1 (3-3.5')	Soluble	Solid	DI Leach	
880-1431-5	S-2 (0-1')	Soluble	Solid	DI Leach	
880-1431-6	S-2 (1-1.5')	Soluble	Solid	DI Leach	
880-1431-7	S-2 (2-2.5')	Soluble	Solid	DI Leach	
880-1431-8	S-2 (3-3.5')	Soluble	Solid	DI Leach	
880-1431-9	S-3 (0-1')	Soluble	Solid	DI Leach	
880-1431-10	S-3 (1-1.5')	Soluble	Solid	DI Leach	
880-1431-11	S-3 (2-2.5')	Soluble	Solid	DI Leach	
880-1431-12	S-3 (3-3.5')	Soluble	Solid	DI Leach	
880-1431-13	S-4 (0-1')	Soluble	Solid	DI Leach	
880-1431-14	S-4 (1-1.5')	Soluble	Solid	DI Leach	
MB 880-2037/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2037/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2037/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1431-5 MS	S-2 (0-1')	Soluble	Solid	DI Leach	
880-1431-5 MSD	S-2 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 2038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-15	S-4 (2-2.5')	Soluble	Solid	DI Leach	
880-1431-16	S-4 (3-3.5')	Soluble	Solid	DI Leach	
880-1431-17	S-5 (0-1')	Soluble	Solid	DI Leach	
880-1431-18	S-5 (1-1.5')	Soluble	Solid	DI Leach	
880-1431-19	S-5 (2-2.5')	Soluble	Solid	DI Leach	
880-1431-20	S-5 (3-3.5')	Soluble	Solid	DI Leach	
880-1431-21	S-5 (4-4.5')	Soluble	Solid	DI Leach	
880-1431-22	S-6 (0-1')	Soluble	Solid	DI Leach	
880-1431-23	S-6 (1-1.5')	Soluble	Solid	DI Leach	
880-1431-24	S-6 (2-2.5')	Soluble	Solid	DI Leach	
880-1431-25	S-6 (3-3.5')	Soluble	Solid	DI Leach	
MB 880-2038/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2038/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2038/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1431-16 MS	S-4 (3-3.5')	Soluble	Solid	DI Leach	
880-1431-16 MSD	S-4 (3-3.5')	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global

Job ID: 880-1431-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County NM

HPLC/IC

Analysis Batch: 2054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-1	S-1 (0-1')	Soluble	Solid	300.0	2037
880-1431-2	S-1 (1-1.5')	Soluble	Solid	300.0	2037
880-1431-3	S-1 (2-2.5')	Soluble	Solid	300.0	2037
880-1431-4	S-1 (3-3.5')	Soluble	Solid	300.0	2037
880-1431-5	S-2 (0-1')	Soluble	Solid	300.0	2037
880-1431-6	S-2 (1-1.5')	Soluble	Solid	300.0	2037
880-1431-7	S-2 (2-2.5')	Soluble	Solid	300.0	2037
880-1431-8	S-2 (3-3.5')	Soluble	Solid	300.0	2037
880-1431-9	S-3 (0-1')	Soluble	Solid	300.0	2037
880-1431-10	S-3 (1-1.5')	Soluble	Solid	300.0	2037
880-1431-11	S-3 (2-2.5')	Soluble	Solid	300.0	2037
880-1431-12	S-3 (3-3.5')	Soluble	Solid	300.0	2037
880-1431-13	S-4 (0-1')	Soluble	Solid	300.0	2037
880-1431-14	S-4 (1-1.5')	Soluble	Solid	300.0	2037
MB 880-2037/1-A	Method Blank	Soluble	Solid	300.0	2037
LCS 880-2037/2-A	Lab Control Sample	Soluble	Solid	300.0	2037
LCSD 880-2037/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2037
880-1431-5 MS	S-2 (0-1')	Soluble	Solid	300.0	2037
880-1431-5 MSD	S-2 (0-1')	Soluble	Solid	300.0	2037

Analysis Batch: 2180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1431-15	S-4 (2-2.5')	Soluble	Solid	300.0	2038
880-1431-16	S-4 (3-3.5')	Soluble	Solid	300.0	2038
880-1431-17	S-5 (0-1')	Soluble	Solid	300.0	2038
880-1431-18	S-5 (1-1.5')	Soluble	Solid	300.0	2038
880-1431-19	S-5 (2-2.5')	Soluble	Solid	300.0	2038
880-1431-20	S-5 (3-3.5')	Soluble	Solid	300.0	2038
880-1431-21	S-5 (4-4.5')	Soluble	Solid	300.0	2038
880-1431-22	S-6 (0-1')	Soluble	Solid	300.0	2038
880-1431-23	S-6 (1-1.5')	Soluble	Solid	300.0	2038
880-1431-24	S-6 (2-2.5')	Soluble	Solid	300.0	2038
880-1431-25	S-6 (3-3.5')	Soluble	Solid	300.0	2038
MB 880-2038/1-A	Method Blank	Soluble	Solid	300.0	2038
LCS 880-2038/2-A	Lab Control Sample	Soluble	Solid	300.0	2038
LCSD 880-2038/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2038
880-1431-16 MS	S-4 (3-3.5')	Soluble	Solid	300.0	2038
880-1431-16 MSD	S-4 (3-3.5')	Soluble	Solid	300.0	2038

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-1 (0-1')

Lab Sample ID: 880-1431-1

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 18:54	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 16:07	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 16:29	WP	XM

Client Sample ID: S-1 (1-1.5')

Lab Sample ID: 880-1431-2

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 19:15	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 17:10	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 16:34	WP	XM

Client Sample ID: S-1 (2-2.5')

Lab Sample ID: 880-1431-3

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 19:35	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 17:31	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 16:39	WP	XM

Client Sample ID: S-1 (3-3.5')

Lab Sample ID: 880-1431-4

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 19:56	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 17:53	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 16:44	WP	XM

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Lab Chronicle

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-1431-5

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 20:16	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 18:14	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 16:49	WP	XM

Client Sample ID: S-2 (1-1.5')

Lab Sample ID: 880-1431-6

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 14:57	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 18:35	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 17:05	WP	XM

Client Sample ID: S-2 (2-2.5')

Lab Sample ID: 880-1431-7

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 16:40	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 18:57	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 17:10	WP	XM

Client Sample ID: S-2 (3-3.5')

Lab Sample ID: 880-1431-8

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 17:01	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 19:18	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 17:25	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-3 (0-1')

Lab Sample ID: 880-1431-9

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 17:22	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 19:39	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 17:30	WP	XM

Client Sample ID: S-3 (1-1.5')

Lab Sample ID: 880-1431-10

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 17:42	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 20:01	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 17:35	WP	XM

Client Sample ID: S-3 (2-2.5')

Lab Sample ID: 880-1431-11

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 18:03	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 20:43	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 17:40	WP	XM

Client Sample ID: S-3 (3-3.5')

Lab Sample ID: 880-1431-12

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 19:26	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 21:04	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 17:45	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-1431-13

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 19:47	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 21:26	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 17:50	WP	XM

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 880-1431-14

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 20:07	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 21:47	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 17:55	WP	XM

Client Sample ID: S-4 (2-2.5')

Lab Sample ID: 880-1431-15

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 20:28	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 22:09	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 22:19	CH	XM

Client Sample ID: S-4 (3-3.5')

Lab Sample ID: 880-1431-16

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 20:49	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 22:30	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 22:24	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-1431-17

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 21:09	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 22:51	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 22:39	CH	XM

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 880-1431-18

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 21:30	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 23:13	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 22:44	CH	XM

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 880-1431-19

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 21:51	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 23:34	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 23:00	CH	XM

Client Sample ID: S-5 (3-3.5')

Lab Sample ID: 880-1431-20

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 22:12	KL	XM
Total/NA	Prep	8015NM Prep			2034	04/20/21 11:03	DM	XM
Total/NA	Analysis	8015B NM		1	2044	04/20/21 23:56	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 23:05	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-5 (4-4.5')

Lab Sample ID: 880-1431-21

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2053	04/21/21 10:00	KL	XM
Total/NA	Analysis	8021B		1	2083	04/21/21 22:32	KL	XM
Total/NA	Prep	8015NM Prep			2036	04/20/21 11:25	DM	XM
Total/NA	Analysis	8015B NM		1	2046	04/21/21 03:50	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 23:10	CH	XM

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-1431-22

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2085	04/21/21 10:10	KL	XM
Total/NA	Analysis	8021B		1	2084	04/21/21 15:19	KL	XM
Total/NA	Prep	8015NM Prep			2036	04/20/21 11:25	DM	XM
Total/NA	Analysis	8015B NM		1	2046	04/21/21 04:11	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 23:15	CH	XM

Client Sample ID: S-6 (1-1.5')

Lab Sample ID: 880-1431-23

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2085	04/21/21 10:10	KL	XM
Total/NA	Analysis	8021B		1	2084	04/21/21 15:39	KL	XM
Total/NA	Prep	8015NM Prep			2036	04/20/21 11:25	DM	XM
Total/NA	Analysis	8015B NM		1	2046	04/21/21 04:32	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 23:20	CH	XM

Client Sample ID: S-6 (2-2.5')

Lab Sample ID: 880-1431-24

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2085	04/21/21 10:10	KL	XM
Total/NA	Analysis	8021B		1	2084	04/21/21 15:59	KL	XM
Total/NA	Prep	8015NM Prep			2036	04/20/21 11:25	DM	XM
Total/NA	Analysis	8015B NM		1	2046	04/21/21 04:54	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 23:25	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Client Sample ID: S-6 (3-3.5') Lab Sample ID: 880-1431-25
Date Collected: 04/19/21 00:00 Matrix: Solid
Date Received: 04/20/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2085	04/21/21 10:10	KL	XM
Total/NA	Analysis	8021B		1	2084	04/21/21 16:20	KL	XM
Total/NA	Prep	8015NM Prep			2036	04/20/21 11:25	DM	XM
Total/NA	Analysis	8015B NM		1	2046	04/21/21 05:15	AJ	XM
Soluble	Leach	DI Leach			2038	04/20/21 11:45	CH	XM
Soluble	Analysis	300.0		1	2180	04/22/21 23:30	CH	XM

Laboratory References:
XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1
SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Sample Summary

Client: NT Global

Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1431-1

SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-1431-1	S-1 (0-1')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-2	S-1 (1-1.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-3	S-1 (2-2.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-4	S-1 (3-3.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-5	S-2 (0-1')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-6	S-2 (1-1.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-7	S-2 (2-2.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-8	S-2 (3-3.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-9	S-3 (0-1')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-10	S-3 (1-1.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-11	S-3 (2-2.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-12	S-3 (3-3.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-13	S-4 (0-1')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-14	S-4 (1-1.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-15	S-4 (2-2.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-16	S-4 (3-3.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-17	S-5 (0-1')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-18	S-5 (1-1.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-19	S-5 (2-2.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-20	S-5 (3-3.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-21	S-5 (4-4.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-22	S-6 (0-1')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-23	S-6 (1-1.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-24	S-6 (2-2.5')	Solid	04/19/21 00:00	04/20/21 10:25	
880-1431-25	S-6 (3-3.5')	Solid	04/19/21 00:00	04/20/21 10:25	

Eurofins Xenco, Midland



Work Order No: 1431

Page 1 of 3

Project Manager	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name	NTG Environmental	Company Name	EOG Resources
Address	701 Tradewinds BLVD	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland, TX 79706
Phone:	432-813-0263	Email:	James_Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Project Name	East Corbin Injection Well W/W #1		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number	214127		☐ Routine ☒ Rush															None NO DI Water H ₂ O	
Project Location	Lea County, NM		Due Date	72HR													Cool Cool MeOH Me		
Sample's Name:	CM		TAT starts the day received by the lab if received by 4:30pm														HCL HC HNO ₃ HN		
PO #:																	H ₂ SO ₄ H ₂		
SAMPLE RECEIPT	Temp Blank	Yes (No)	Wet Ice:	Yes (No)													H ₃ PO ₄ HP		
Received Intact:	Yes (No)	Thermometer ID:	Yes (No)	IR 8													NaHSO ₄ NABIS		
Cooler Custody Seals:	Yes (No)	Correction Factor:	Yes (No)	+0.5													Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals	Yes (No)	Temperature Reading:	Yes (No)	5.1													Zn Acetate+NaOH Zn		
Total Containers:			Corrected Temperature:	5.6													NaOH+Ascorbic Acid SAPC		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B												TPH 8015M (GRO + DRO + MRO)												Chlordie 300 0												HOLD												Sample Comments
S-1 (0-1')	4/19/2021	-	X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																												
S-1 (1'-1.5')	4/19/2021	-	X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																												
S-1 (2-2.5')	4/19/2021	-	X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																												
S-1 (3-3.5')	4/19/2021	-	X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																												
S-2 (0-1')	4/19/2021	-	X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																												
S-2 (1'-1.5')	4/19/2021	-	X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																												
S-2 (2-2.5')	4/19/2021	-	X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																												
S-2 (3-3.5')	4/19/2021	-	X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																												
S-3 (0-1')	4/19/2021	-	X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																												
S-3 (1'-1.5')	4/19/2021	-	X		G	1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																												

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Nick Hart	4/20/21	10:19	2		
3			4		
5			6		



Chain of Custody

Work Order No: _____

Page 2 of 3

Project Manager	Mike Carmona	Bill to: (if different)	James Kennedy
Company Name	NTG Environmental	Company Name	EOG Resources
Address	701 Tradewinds BLVD	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland, Tx 79706
Phone:	432-813-0263	Email:	James_Kennedy@eogresources.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other ☐	

Project Name		East Corbin Injection Well W/W #1																	
Project Number	214127	Turn Around	☐ Routine ☒ Rush																
Project Location	Lea County, NM	Due Date	72HR																
Sampler's Name	CM	TAT starts the day received by the lab if received by 4:30pm																	
PO #:																			
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐																
Received Intact:	Yes ☒ No ☐	Thermometer ID	Yes ☒ No ☐																
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor	+0.5																
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading	5.1																
Total Containers:		Corrected Temperature:	5.6																
Parameters		BTX 8021B																	
		TPH 8015M (GRO + DRO + MRO)																	
		Chlordie 300.0																	
		HOLD																	
Preservative Codes		None NO DI Water H ₂ O Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC																	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Sample Comments	
S-3 (2'-2.5')	4/19/2021	-	X	G	1	X	X	X											
S-3 (3'-3.5')	4/19/2021	-	X	G	1	X	X	X											
S-4 (0'-1')	4/19/2021	-	X	G	1	X	X	X											
S-4 (1'-1.5')	4/19/2021	-	X	G	1	X	X	X											
S-4 (2'-2.5')	4/19/2021	-	X	G	1	X	X	X											
S-4 (3'-3.5')	4/19/2021	-	X	G	1	X	X	X											
S-5 (0'-1')	4/19/2021	-	X	G	1	X	X	X											
S-5 (1'-1.5')	4/19/2021	-	X	G	1	X	X	X											
S-5 (2'-2.5')	4/19/2021	-	X	G	1	X	X	X											
S-5 (3'-3.5')	4/19/2021	-	X	G	1	X	X	X											
Additional Comments:																			
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.																			
Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time										
Nico Hane		Kefana		4/20/21	1019		4		6										
3																			
5																			



Chain of Custody

Work Order No: _____

Page 3 of 3

Project Manager	Mike Cammona	Bill to (if different)	James Kennedy
Company Name	NTG Environmental	Company Name	EOG Resources
Address	701 Tradewinds BLVD	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP	Midland Tx 79706
Phone	432-813-0263	Email	James_Kennedy@eogresources.com

Work Order Comments									
Program:	UST/ST	☐ PRP	☐ Brownfields	☐ RC	☐ Superfund	☐	☐	☐	☐
State of Project:									
Reporting Level II	☐	Level III	☐	ST/UST	☐	RRP	☐	Level IV	☐
Deliverables	EDD	☐	Adapt	☐	Other				

Project Name	East Corbin Injection Well W/W #1						Turn Around																											
Project Number	214127						☐ Routine		☒ Rush																									
Project Location	Lea County, NM						Due Date		72HR																									
Sampler's Name:	CM						TAT starts the day received by the lab, if received by 4:30pm																											
PO #:																																		
SAMPLE RECEIPT																																		
						Temp Blank.		Yes No		Wet Ice:		Yes No																						
Received Intact:						(Yes) No				Thermometer ID:		(Yes) No																						
Cooler Custody Seals.						Yes No		(N/A)		Correction Factor:		+0.5																						
Sample Custody Seals.						Yes No		(N/A)		Temperature Reading:		5.1																						
Total Containers.										Corrected Temperature		5.6																						
Parameters													Pres. Code		ANALYSIS REQUEST										Preservative Codes									
BTEx 8021B																									None NO DI Water H ₂ O									
8015M (GRO + DRO + MRO)																									Cool Cool MeOH Me									
Chlordie 300 O																									HCL HC HNO ₃ HN									
																									H ₂ SO ₄ H ₂ NaOH Na									
																									H ₃ PO ₄ HP									
																									NaHSO ₄ NABIS									
																									Na ₂ S ₂ O ₃ NaSO ₃									
																									Zn Acetate+NaOH Zn									
																									NaOH+Ascorbic Acid SAPC									
HOLD																																		

[illegible]

Additional Comments:

notice. Signature of this document and reimbursement of samples constitutes a valid purchase order from client company to Xencio, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xencio will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xencio. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xencio, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>Nick Ford</i>	<i>Kyler</i>	4/20/21 10:19	2		
3			4		
5			6		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-1431-1

SDG Number: Lea County NM

Login Number: 1431

List Number: 1

Creator: Phillips, Kerianna

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		



Environment Testing America

ANALYTICAL REPORT

Eurofins Xenco, Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-1430-1

Laboratory Sample Delivery Group: Lea County, NM

Client Project/Site: East Corbin Injection Well WIW #1 - 214127

For:

NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Mike Carmona

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
4/21/2021 4:13:17 PM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Laboratory Job ID: 880-1430-1
SDG: Lea County, NM

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Definitions/Glossary

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Job ID: 880-1430-1

Laboratory: Eurofins Xenco, Midland**Narrative**

**Job Narrative
880-1430-1****Receipt**

The samples were received on 4/20/2021 10:19 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°C

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-1430-1

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200		mg/Kg		04/20/21 10:48	04/21/21 12:19	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		04/20/21 10:48	04/21/21 12:19	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		04/20/21 10:48	04/21/21 12:19	1
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.00399		mg/Kg		04/20/21 10:48	04/21/21 12:19	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		04/20/21 10:48	04/21/21 12:19	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		04/20/21 10:48	04/21/21 12:19	1
Total BTEX	<0.00399	U F2 F1	0.00399		mg/Kg		04/20/21 10:48	04/21/21 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/20/21 10:48	04/21/21 12:19	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/20/21 10:48	04/21/21 12:19	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	49.9		mg/Kg		04/20/21 11:25	04/21/21 01:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 01:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 01:43	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	04/20/21 11:25	04/21/21 01:43	1
o-Terphenyl	74		70 - 130	04/20/21 11:25	04/21/21 01:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.83		5.02		mg/Kg			04/20/21 15:59	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-1430-2

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 12:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 12:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 12:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/21 10:48	04/21/21 12:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 12:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/21 10:48	04/21/21 12:39	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/20/21 10:48	04/21/21 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/20/21 10:48	04/21/21 12:39	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/20/21 10:48	04/21/21 12:39	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 02:47	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-1430-2

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:19

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 02:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 02:47	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 02:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				04/20/21 11:25	04/21/21 02:47	1
o-Terphenyl	72		70 - 130				04/20/21 11:25	04/21/21 02:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.94		5.03		mg/Kg			04/20/21 16:04	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-1430-3

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 12:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 12:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 12:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/20/21 10:48	04/21/21 12:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/20/21 10:48	04/21/21 12:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/20/21 10:48	04/21/21 12:59	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		04/20/21 10:48	04/21/21 12:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/20/21 10:48	04/21/21 12:59	1
1,4-Difluorobenzene (Surr)	105		70 - 130				04/20/21 10:48	04/21/21 12:59	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/20/21 11:25	04/21/21 03:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/20/21 11:25	04/21/21 03:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/20/21 11:25	04/21/21 03:08	1
Total TPH	<49.8	U	49.8		mg/Kg		04/20/21 11:25	04/21/21 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				04/20/21 11:25	04/21/21 03:08	1
o-Terphenyl	99		70 - 130				04/20/21 11:25	04/21/21 03:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.0		5.01		mg/Kg			04/20/21 16:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-1430-4

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:19

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/20/21 10:48	04/21/21 13:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/20/21 10:48	04/21/21 13:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/20/21 10:48	04/21/21 13:20	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		04/20/21 10:48	04/21/21 13:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/20/21 10:48	04/21/21 13:20	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/20/21 10:48	04/21/21 13:20	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		04/20/21 10:48	04/21/21 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	04/20/21 10:48	04/21/21 13:20	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/20/21 10:48	04/21/21 13:20	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 03:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 03:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 03:29	1
Total TPH	<49.9	U	49.9		mg/Kg		04/20/21 11:25	04/21/21 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	04/20/21 11:25	04/21/21 03:29	1
o-Terphenyl	79		70 - 130	04/20/21 11:25	04/21/21 03:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.55		5.01		mg/Kg			04/20/21 16:24	1

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-1430-1	H-1 (0-0.5')	103	105
880-1430-1 MS	H-1 (0-0.5')	103	105
880-1430-1 MSD	H-1 (0-0.5')	108	103
880-1430-2	H-2 (0-0.5')	109	106
880-1430-3	H-3 (0-0.5')	106	105
880-1430-4	H-4 (0-0.5')	116	102
LCS 880-2029/1-A	Lab Control Sample	97	104
LCSD 880-2029/2-A	Lab Control Sample Dup	97	106
MB 880-2029/5-A	Method Blank	99	102
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-1430-1	H-1 (0-0.5')	80	74
880-1430-1 MS	H-1 (0-0.5')	83	69 S1-
880-1430-1 MSD	H-1 (0-0.5')	83	69 S1-
880-1430-2	H-2 (0-0.5')	78	72
880-1430-3	H-3 (0-0.5')	100	99
880-1430-4	H-4 (0-0.5')	85	79
LCS 880-2036/2-A	Lab Control Sample	119	103
LCSD 880-2036/3-A	Lab Control Sample Dup	111	100
MB 880-2036/1-A	Method Blank	105	104
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-2029/5-A

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/20/21 10:48	04/21/21 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/20/21 10:48	04/21/21 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/20/21 10:48	04/21/21 11:50	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		04/20/21 10:48	04/21/21 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/20/21 10:48	04/21/21 11:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/20/21 10:48	04/21/21 11:50	1

Lab Sample ID: LCS 880-2029/1-A

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09303		mg/Kg		93	70 - 130
Toluene	0.100	0.09963		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1036		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2119		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1020		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-2029/2-A

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2029

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09726		mg/Kg		97	70 - 130	4	35
Toluene	0.100	0.09910		mg/Kg		99	70 - 130	1	35
Ethylbenzene	0.100	0.1039		mg/Kg		104	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2095		mg/Kg		105	70 - 130	1	35
o-Xylene	0.100	0.1020		mg/Kg		102	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-1430-1 MS

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: H-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 2029

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F2 F1	0.0996	0.07993		mg/Kg		80	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-1430-1 MS

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: H-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 2029

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U F2 F1	0.0996	0.03368	F1	mg/Kg		34	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.0996	0.07917		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.199	0.1585		mg/Kg		80	70 - 130
o-Xylene	<0.00200	U F1	0.0996	0.07798		mg/Kg		78	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	105		70 - 130						

Lab Sample ID: 880-1430-1 MSD

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: H-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 2029

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.0994	0.04587	F2 F1	mg/Kg		46	70 - 130	54	35
Toluene	<0.00200	U F2 F1	0.0994	0.05023	F2 F1	mg/Kg		51	70 - 130	39	35
Ethylbenzene	<0.00200	U F2 F1	0.0994	0.05226	F2 F1	mg/Kg		53	70 - 130	41	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.199	0.1081	F2 F1	mg/Kg		54	70 - 130	38	35
o-Xylene	<0.00200	U F1	0.0994	0.05774	F1	mg/Kg		58	70 - 130	30	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	108		70 - 130								
1,4-Difluorobenzene (Surr)	103		70 - 130								

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-2036/1-A

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2036

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 00:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 00:39	1
Total TPH	<50.0	U	50.0		mg/Kg		04/20/21 11:25	04/21/21 00:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				04/20/21 11:25	04/21/21 00:39	1
o-Terphenyl	104		70 - 130				04/20/21 11:25	04/21/21 00:39	1

Lab Sample ID: LCS 880-2036/2-A

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2036

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1045		mg/Kg		104	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global

Job ID: 880-1430-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-2036/2-A

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2036

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	1035		mg/Kg		103	70 - 130		
			LCS		LCS						
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	119		70 - 130								
o-Terphenyl	103		70 - 130								

Lab Sample ID: LCSD 880-2036/3-A

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2036

Top Data: 2009											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1205		mg/Kg		120	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	972.5		mg/Kg		97	70 - 130	6	20
Surrogate	%Recovery	LCSD Qualifier	LCSD Limits								
1-Chlorooctane	111		70 - 130								
o-Terphenyl	100		70 - 130								

Lab Sample ID: 880-1430-1 MS

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: H-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 2036

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	998	1097		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	841.9		mg/Kg		83	70 - 130		

Lab Sample ID: 880-1430-1 MSD

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: H-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 2036

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	998	1435	F1 F2	mg/Kg		139	70 - 130	27	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	861.7		mg/Kg		85	70 - 130	2	20

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-2037/1-A

Matrix: Solid

Analysis Batch: 2054

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/20/21 15:23	1

Lab Sample ID: LCS 880-2037/2-A

Matrix: Solid

Analysis Batch: 2054

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	254.3		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-2037/3-A

Matrix: Solid

Analysis Batch: 2054

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	252.4		mg/Kg		101	90 - 110	1	20

QC Association Summary

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

GC VOA

Prep Batch: 2029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1430-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-1430-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-1430-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-1430-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-2029/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2029/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2029/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1430-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-1430-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 2080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1430-1	H-1 (0-0.5')	Total/NA	Solid	8021B	2029
880-1430-2	H-2 (0-0.5')	Total/NA	Solid	8021B	2029
880-1430-3	H-3 (0-0.5')	Total/NA	Solid	8021B	2029
880-1430-4	H-4 (0-0.5')	Total/NA	Solid	8021B	2029
MB 880-2029/5-A	Method Blank	Total/NA	Solid	8021B	2029
LCS 880-2029/1-A	Lab Control Sample	Total/NA	Solid	8021B	2029
LCSD 880-2029/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2029
880-1430-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	2029
880-1430-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	2029

GC Semi VOA

Prep Batch: 2036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1430-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-1430-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-1430-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-1430-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-2036/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2036/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2036/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1430-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-1430-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 2046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1430-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	2036
880-1430-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	2036
880-1430-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	2036
880-1430-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	2036
MB 880-2036/1-A	Method Blank	Total/NA	Solid	8015B NM	2036
LCS 880-2036/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2036
LCSD 880-2036/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2036
880-1430-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	2036
880-1430-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	2036

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

HPLC/IC

Leach Batch: 2037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1430-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-1430-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-1430-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-1430-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-2037/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2037/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2037/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 2054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1430-1	H-1 (0-0.5')	Soluble	Solid	300.0	2037
880-1430-2	H-2 (0-0.5')	Soluble	Solid	300.0	2037
880-1430-3	H-3 (0-0.5')	Soluble	Solid	300.0	2037
880-1430-4	H-4 (0-0.5')	Soluble	Solid	300.0	2037
MB 880-2037/1-A	Method Blank	Soluble	Solid	300.0	2037
LCS 880-2037/2-A	Lab Control Sample	Soluble	Solid	300.0	2037
LCSD 880-2037/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2037

Lab Chronicle

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-1430-1

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:19

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 12:19	KL	XM
Total/NA	Prep	8015NM Prep			2036	04/20/21 11:25	DM	XM
Total/NA	Analysis	8015B NM		1	2046	04/21/21 01:43	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 15:59	WP	XM

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-1430-2

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:19

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 12:39	KL	XM
Total/NA	Prep	8015NM Prep			2036	04/20/21 11:25	DM	XM
Total/NA	Analysis	8015B NM		1	2046	04/21/21 02:47	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 16:04	WP	XM

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-1430-3

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:19

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 12:59	KL	XM
Total/NA	Prep	8015NM Prep			2036	04/20/21 11:25	DM	XM
Total/NA	Analysis	8015B NM		1	2046	04/21/21 03:08	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 16:09	WP	XM

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-1430-4

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:19

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 13:20	KL	XM
Total/NA	Prep	8015NM Prep			2036	04/20/21 11:25	DM	XM
Total/NA	Analysis	8015B NM		1	2046	04/21/21 03:29	AJ	XM
Soluble	Leach	DI Leach			2037	04/20/21 11:39	CH	XM
Soluble	Analysis	300.0		1	2054	04/20/21 16:24	WP	XM

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: NT Global
Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1
SDG: Lea County, NM

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: NT Global

Project/Site: East Corbin Injection Well WIW #1 - 214127

Job ID: 880-1430-1

SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

XM = Eurofins Xenco, Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Eurofins Xenco, Midland

Sample Summary

Client: NT Global

Job ID: 880-1430-1

Project/Site: East Corbin Injection Well WIW #1 - 214127

SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-1430-1	H-1 (0-0.5')	Solid	04/19/21 00:00	04/20/21 10:19	
880-1430-2	H-2 (0-0.5')	Solid	04/19/21 00:00	04/20/21 10:19	
880-1430-3	H-3 (0-0.5')	Solid	04/19/21 00:00	04/20/21 10:19	
880-1430-4	H-4 (0-0.5')	Solid	04/19/21 00:00	04/20/21 10:19	



880-1430 Chain of Custody



Work Order No: 1430

Page 1 of 1

Project Manager	Mike Cairmonta	Bill to: (if different)	James Kennedy
Company Name	NTG Environmental	Company Name:	EOG Resources
Address:	701 Tradewinds BLVD	Address:	5509 Champions Dr
City, State ZIP	Midland, TX 79706	City, State ZIP:	Midland Tx 79706
Phone:	432-813-0263	Email	James_Kennedy@eogresources.com

Work Order Comments				
Program:	UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐			
State of Project:				
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐				
Deliverables EDD ☐ ADAPT ☐ Other ☐				

[illegible]

Notice: Signature of this document and relinquishing of samples constitutes a valid purchase order from client company to Xencio, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xencio will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xencio. A minimum charge of \$85.00 will be applied to each project and a charge of \$3 for each sample submitted to Xencio, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Nick Hard</i>	<i>KGBN</i>	4/20/21 10:09	2		
3			4		
5			6		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-1430-1
SDG Number: Lea County, NM

Login Number: 1430

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	No sample times on COC
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

District I

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

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

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

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 58206

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 58206
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	12/2/2021