

Incident ID	nAPP2125162939
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☒ 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: Todd Wells Title: Environmental Specialist
Signature: Todd Wells Date: 11/15/21
email: Todd_Wells@eogresources.com Telephone: 432-686-3613

OCD Only

Received by: Chad Hensley Date: 12/09/2021

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: Chad Hensley Date: 12/09/2021
Printed Name: Chad Hensley Title: Environmental Specialist Advanced



Site Information

Closure Report
Jupiter 19 Federal Com #510 Flowline
Lea County, New Mexico
Unit A Sec 19 T24S R34E
Incident #: NAPP2125162939
32.208411°, -103.504302°

Produced Water Release
Source: Cracked Flange Gasket on Flowline
Release Date: 8/26/2021
Volume Released: 10 bbls/Produced Water
Volume Recovered: 0 bbls/ Produced Water

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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PHOTOS	PHOTOLOG

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APPENDIX C	LABORATORY ANALYTICAL REPORTS



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

November 8, 2021

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Sante Fe, NM 87505

**Re: Closure Report
Jupiter 19 Federal Com #510 Flowline
EOG Resources Inc.
Site Location: Unit A, S19, T24S, R34E
(Lat 32.208411°, Long -103.504302)
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 and remediation activities for Jupiter 19 Federal Com #510 Flowline. The site is located at 32.208411 °, -103.504302° within Unit A, S19, T24S, R34E, and approximately 20 miles Northwest of Jal, 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 August 26, 2021. It resulted in the release of ten (10) barrels of produced water, and zero (0) barrels were recovered. The impacted area measured approximately 60' x 20', 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 Engineers and USGS databases, there is no known water source within a ½ mile radius of the location. The nearest identified well is located approximately 1.20 miles Northwest of the site in S13, T24S, R33E. The well has a reported depth to groundwater of 390 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 September 2, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release. A total of twelve (12) sample points were advanced to depths ranging surface – 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. For chemical analysis, 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. 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.

The area of S-1 showed a high TPH concentration ranging from 3,750 mg/kg to <49.9 mg/kg at the surface – 1.5' below the surface. The area of S-2 showed a high TPH concentration ranging from 11,800 mg/kg to 94.8 mg/kg at the surface – 4.5' below the surface. The area of S-4 showed a high TPH concentration ranging from 2,800 mg/kg to 76.3 mg/kg at the surface – 3.5' below the surface. NTGE was able to delineate S-1 through S-4 vertically. Refer to Table 1.

Remediation Activities and Confirmation Sampling

Before remediation activities, the pipeline running through the eastern portion of the spill area was hydro vacted. New Tech Global Environmental (NTGE) personnel were onsite to supervise the remediation activities from September 27, 2021, through October 2, 2021.

A total of eight (8) confirmation samples were collected (CS-1 through CS-8), and eleven (11) sidewall samples (SW-1 through SW-11) were collected every 200 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4.

All the final confirmation samples were below the 19.15.29.12 NMAC criteria. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 240 cubic yards of material were excavated and transported offsite for proper disposal.

Conclusions

Based on the assessment finding 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

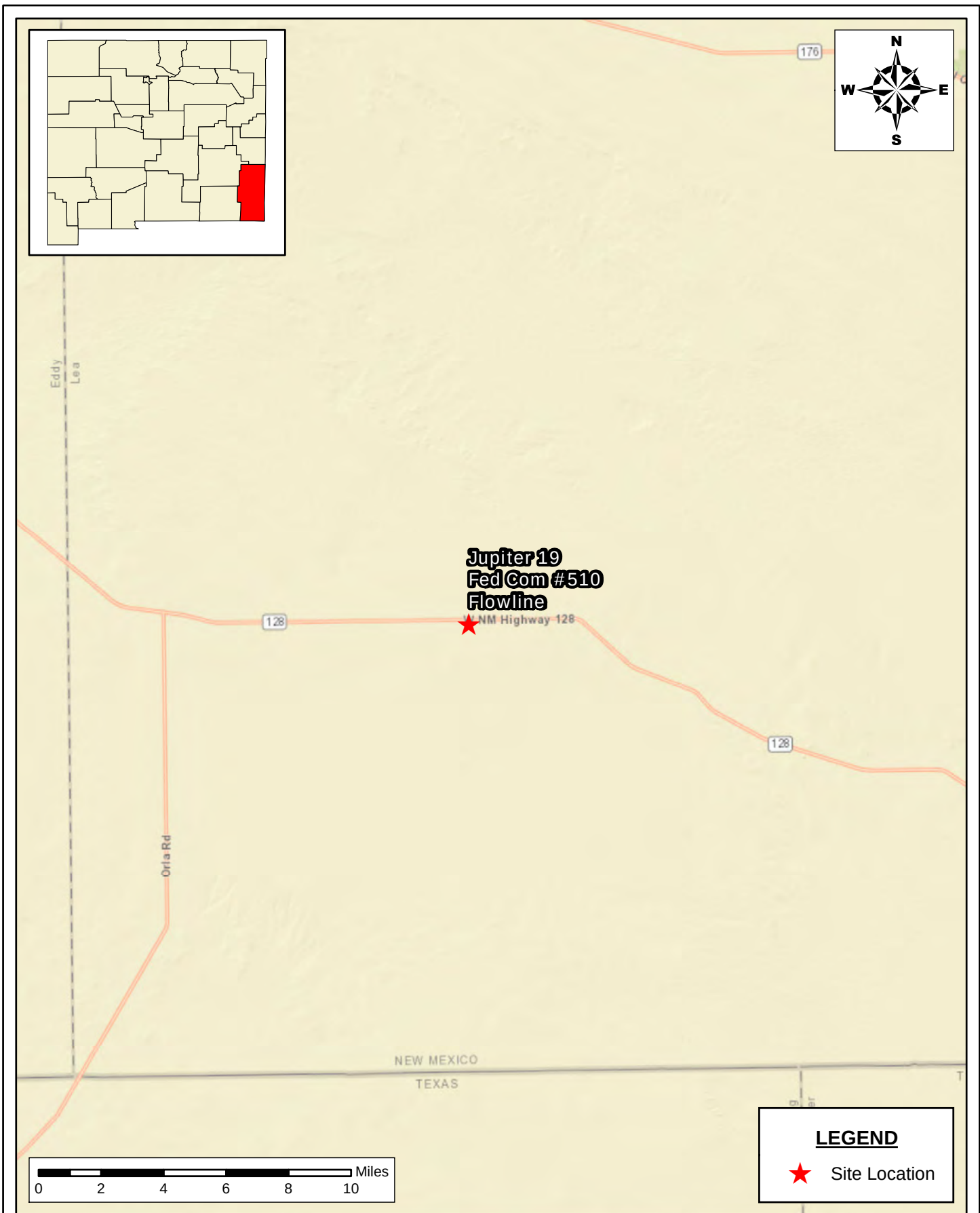


Conner Moehring
Project Manager



Figures

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SITE LOCATION MAP
EOG RESOURCES
 JUPITER 19 FED COM #510 FLOWLINE
 LEA COUNTY, NEW MEXICO
 32.208411, -103.504302

SCALE: As Shown

Date: 10/12/2021

PROJECT #: 214625



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

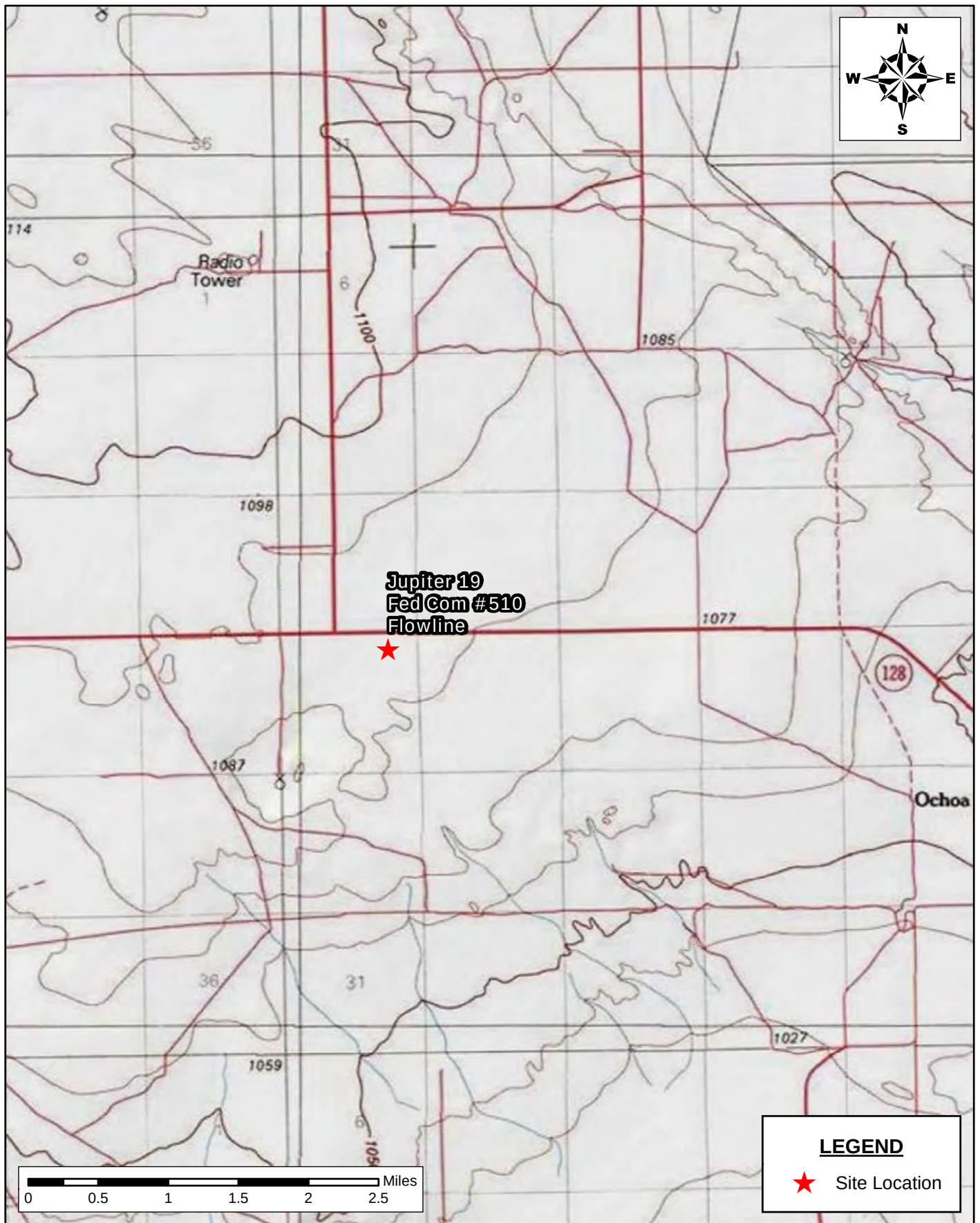
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FIGURE 1

SHEET NUMBER:

1 of 1

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AREA MAP
EOG RESOURCES
 JUPITER 19 FED COM #510 FLOWLINE
 LEA COUNTY, NEW MEXICO
 32.208411, -103.504302

SCALE: As Shown

Date: 10/12/2021

PROJECT #: 214625



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NOTES:

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

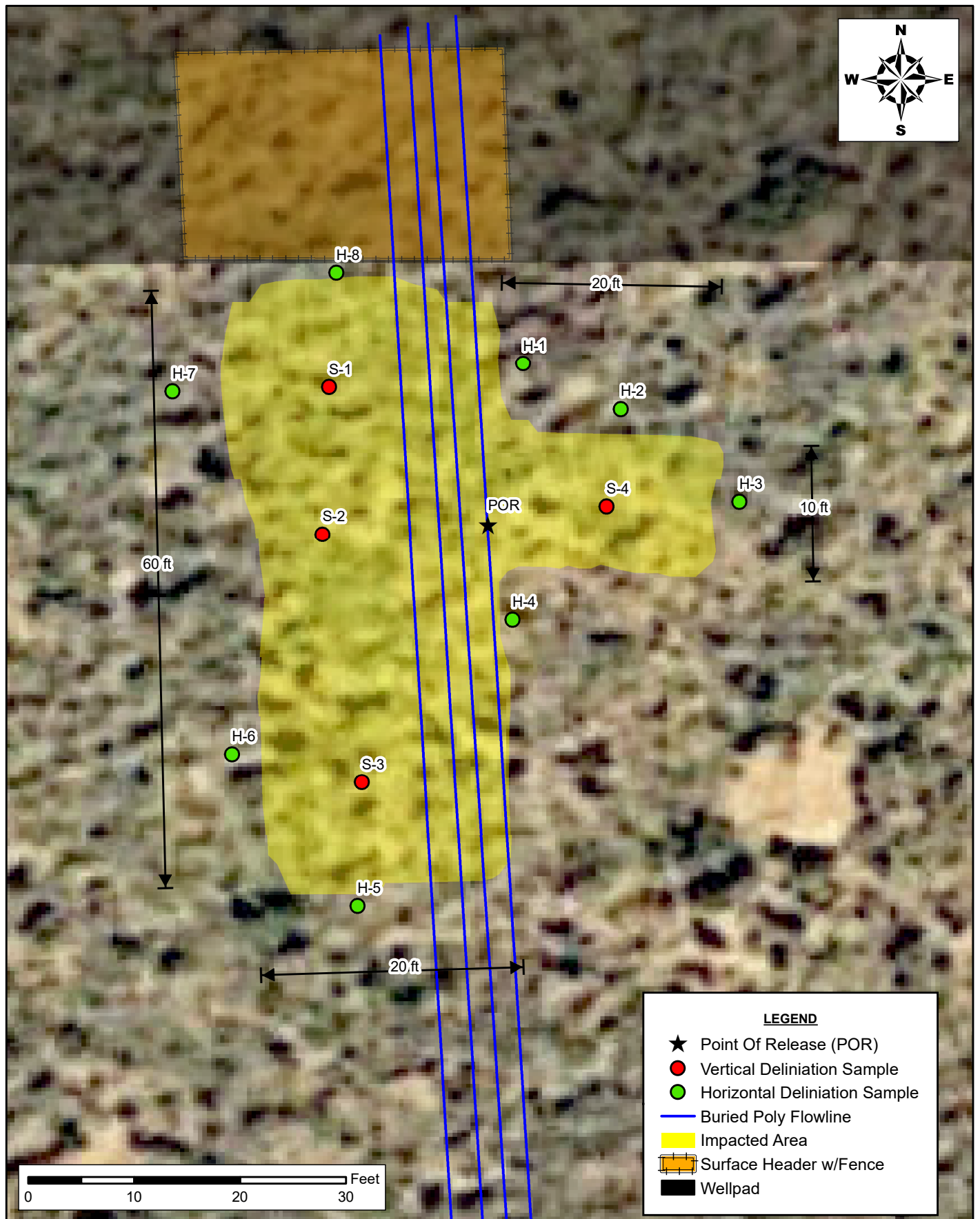
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FIGURE 2

SHEET NUMBER:

1 of 1

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**SAMPLE LOCATION MAP
EOG RESOURCES**

JUPITER 19 FED COM 510 FLOWLINE
LEA COUNTY, NEW MEXICO
32.208411°, -103.504302°

SCALE: As Shown

Date: 10/15/2021

Project #:214625



New Tech Global Environmental, LLC
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NOTES:

1. Base Image: Google Earth
2. Map Projection: NAD 1983

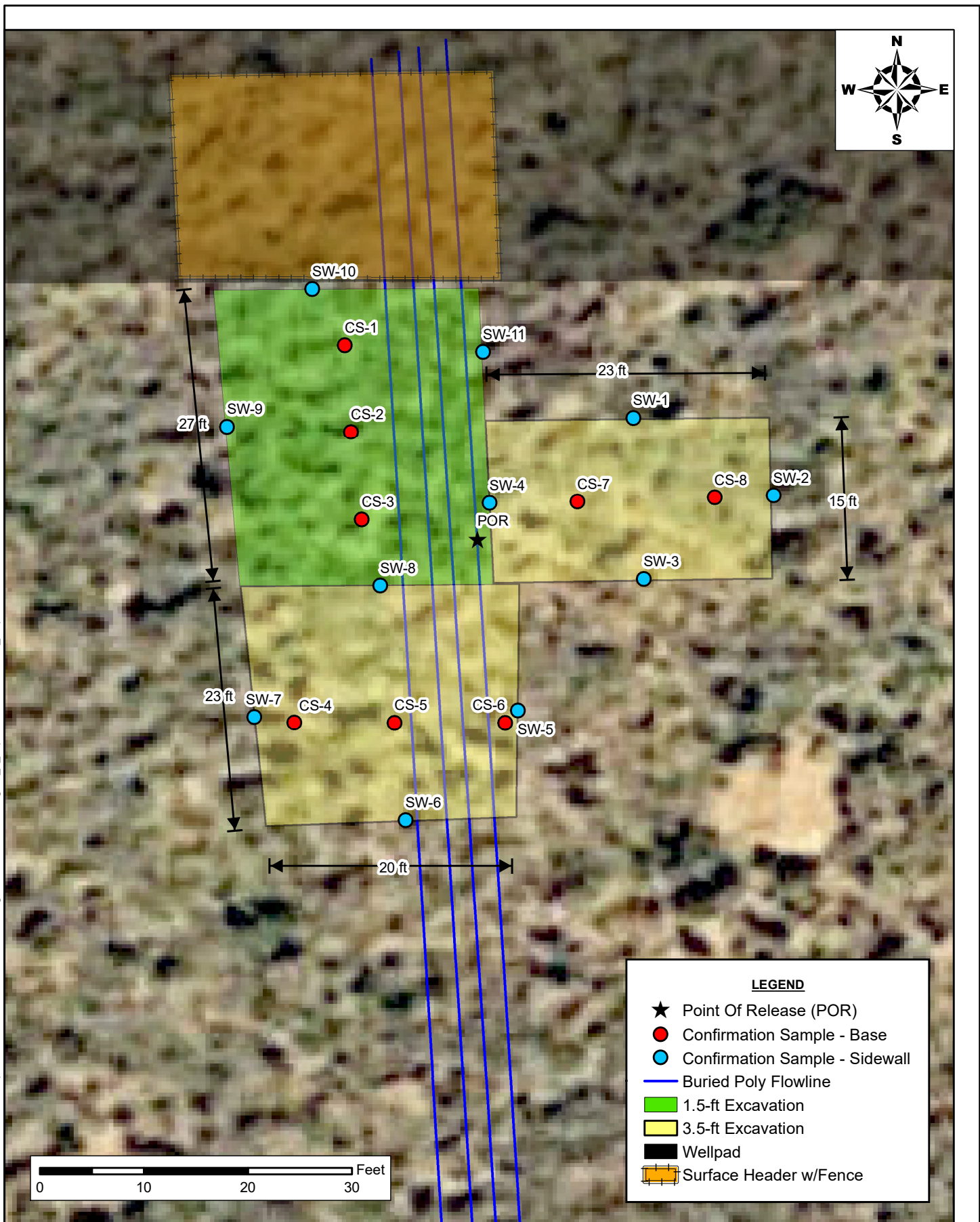
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FIGURE 3

SHEET NUMBER:

1 of 1

Document Path: P:\2021 PROJECTS\EOG\214625 - Jupiter 19 Fed Com 510 Flowline7 - Figures\Geodatabase\Figure_4_Jupiter 19 Fed Flowline_Map.mxd



SCALE: As Shown	Date: 10/15/2021	Project #: 214625
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 Web: www.ntglobal.com



DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1



Tables

Table 1
EOG Resources
Jupiter 19 Fed Com #510 Flowline
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	9/2/2021	0-1	2,780	558	409	3,750	0.296	5.21	5.10	16.9	27.2	268
	"	1-1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	25.5
	"	2-2.5	<49.8	<49.8	<49.8	<49.8	0.00217	<0.00200	<0.00200	0.00407	0.00624	28.5
	"	3-3.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	23.8
	"	4-4.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	31
S-2	9/2/2021	0-1	5,810	2,490	1,230	11,800	<0.00200	0.00669	<0.00200	<0.00400	0.00669	22.6
	"	1-1.5	6,350	3,090	1,010	10,500	2.25	98.6	23.4	77.2	290	24.1
	"	2-2.5	1,100	306	191	1,600	<0.201	2.79	2.47	10.7	16.0	27.9
	"	3-3.5	82.2	<49.9	63.7	146	<0.198	0.237	<0.198	<0.396	<0.396	18.6
	"	4-4.5	94.8	<49.8	<49.8	94.8	<0.00202	0.0215	0.00724	0.0302	0.0590	18.6
S-3	9/2/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	0.00464	<0.00200	<0.00399	0.00464	41.4
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	0.00621	<0.00201	<0.00402	0.00621	24.3
	"	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00198	0.00743	<0.00198	<0.00397	0.00990	23.3
	"	3-3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	30.4
	"	4-4.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	121
S-4	9/2/2021	0-1	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	44
	"	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00262	<0.00199	<0.00398	<0.00398	23.7
	"	2-2.5	1,860	671	273	2,800	<0.199	0.152	4.01	18.1	27.6	32.4
	"	3-3.5	76.3	<50.0	<50.0	76.3	<0.00199	0.0154	0.00207	0.0251	0.0425	24.8
	"	4-4.5	65.1	<50.0	<50.0	65.1	<0.00199	0.00404	<0.00199	0.0158	0.0199	23.5
H-1	9/2/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	0.0709	0.0698	0.0670	0.205	0.412	22.2
H-2	9/2/2021	0-0.5	<49.9	<49.9	<49.9	<49.9	0.0678	0.0672	0.0653	0.200	0.400	21.5
H-3	9/2/2021	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	23.4
H-4	9/2/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	21.8
H-5	9/2/2021	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	20.8
H-6	9/2/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	21.5
H-7	9/2/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	117
H-8	9/2/2021	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	22.4
Regulatory Limits ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

Removed

Table 2
EOG Resources
Jupiter 19 Fed Com #510 Flowline
Lea County, New Mexico

Sample ID	Date	Excavation Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	10/1/2021	1.5	<49.9	<49.9	<49.9	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00200	65.7
CS-2	10/1/2021	1.5	<49.9	<49.9	<49.9	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00200	94.0
CS-3	10/1/2021	1.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00200	85.4
CS-4	10/1/2021	3.5	<49.8	<49.8	<49.8	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00200	16.4
CS-5	10/1/2021	3.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00200	17.1
CS-6	10/1/2021	3.5	<49.9	<49.9	<49.9	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00200	12.1
CS-7	10/1/2021	3.5	<49.8	<49.8	<49.8	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	11.7
CS-8	10/1/2021	3.5	<49.8	<49.8	<49.8	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00200	14.0
SW-1	10/1/2021	-	<49.9	<49.9	<49.9	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00200	13.2
SW-2	10/1/2021	-	60.0	<49.9	<49.9	60.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00200	11.7
SW-3	10/1/2021	-	<49.8	<49.8	<49.8	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	22.8
SW-4	10/1/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	22.6
SW-5	10/1/2021	-	<49.9	<49.9	<49.9	<50.0	<0.00200	0.00252	<0.00200	<0.00400	0.00542	11.3
SW-6	10/1/2021	-	<49.8	<49.8	<49.8	<50.0	<0.00202	0.00205	<0.00202	<0.00403	0.00205	16.4
SW-7	10/1/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00200	9.83
SW-8	10/1/2021	-	<49.8	<49.8	<49.8	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00200	13.8
SW-9	10/1/2021	-	<49.8	<49.8	<49.8	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00200	9.01
SW-10	10/1/2021	-	<49.9	<49.9	<49.9	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00200	24.7
SW-11	10/1/2021	-	<49.9	<49.9	<49.9	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00200	23.1
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

ft-feet



Photo Log

PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 1

Facility: Jupiter 19 Fed Com #510 Flowline

County: Lea County, New Mexico

Description:

View Northeast, area of confirmation samples (1-3 & 7-8)



Photograph No. 2

Facility: Jupiter 19 Fed Com #510 Flowline

County: Lea County, New Mexico

Description:

View East, area of confirmation samples (1-3 & 6-8)



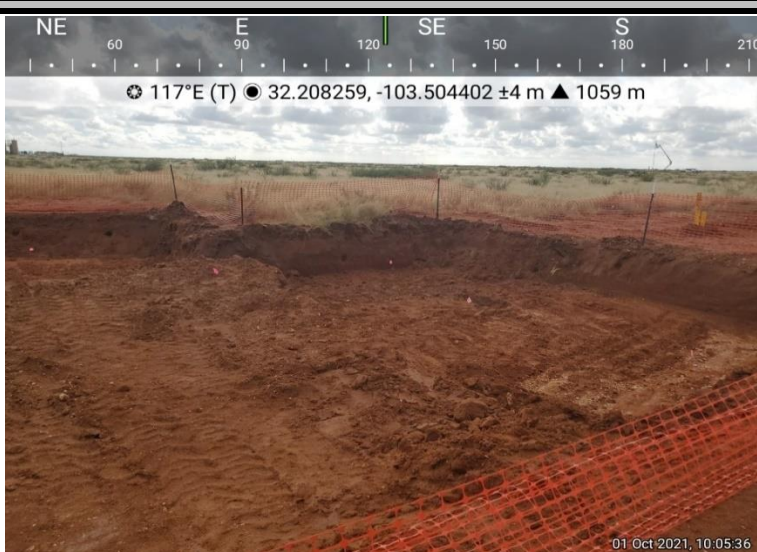
Photograph No. 3

Facility: Jupiter 19 Fed Com #510 Flowline

County: Lea County, New Mexico

Description:

View East, area of confirmation samples (3-8)



PHOTOGRAPHIC LOG

EOG Resources

Photograph No. 4

Facility: Jupiter 19 Fed Com #510 Flowline

County: Lea County, New Mexico

Description:

View East, area of confirmation samples (3-8)



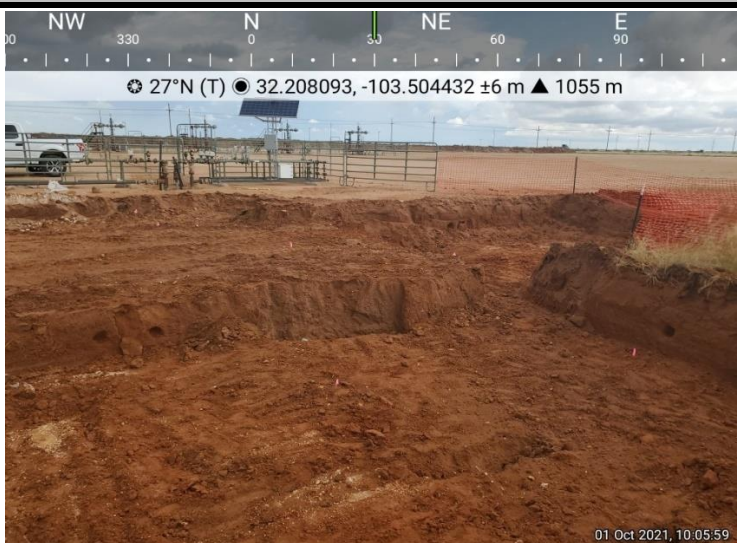
Photograph No. 5

Facility: Jupiter 19 Fed Com #510 Flowline

County: Lea County, New Mexico

Description:

View North, area of confirmation sample (1-8)



Photograph No. 6

Facility: Jupiter 19 Fed Com #510 Flowline

County: Lea County, New Mexico

Description:

View Southwest, area of confirmation sample (3-8)





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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2125162939
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2125162939
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.208172° Longitude -103.504399°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Jupiter 19 Fed Com #510 Flowline	Site Type Flowline
Date Release Discovered 8/26/21	API# (if applicable)

Unit Letter	Section	Township	Range	County
A	19	24S	34E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Quail Ranch LLC)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 10	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The flange gasket cracked on the #510 flowline south of the pad in the field. The flowline released approximately 10 bbls of produced water and oil around the flowline and in the field with 0 bbls recovered.

Incident ID	NAPP2125162939
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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: <u>Todd Wells</u> Title: <u>Environmental Specialist</u> Signature: <u>Todd Wells</u> Date: <u>9-8-21</u> email: <u>Todd_Wells@eogresources.com</u> Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u> Received by: <u>Ramona Marcus</u> Date: <u>9/12/2021</u>

Incident ID	
District RP	
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?	_____ (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.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
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: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☐ 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: _____ Title: _____

Signature: Todd Wells Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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: _____

Printed Name: _____ Title: _____



Appendix B

Nearest water well

EOG Resources

Legend

 0.50 Mile Radius

 1.20 Miles

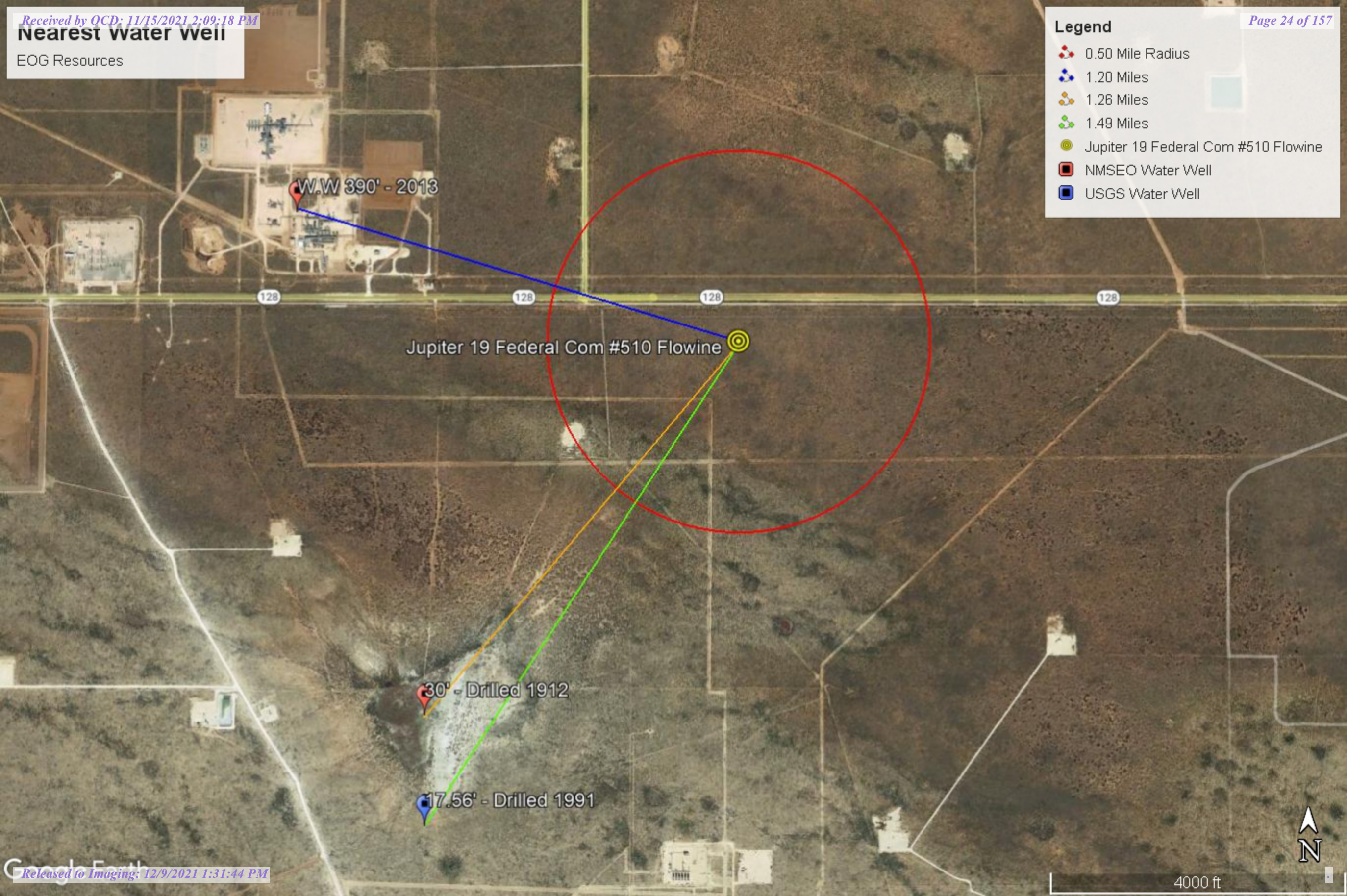
 1.26 Miles

 1.49 Miles

 Jupiter 19 Federal Com #510 Flowine

 NMSEO Water Well

 USGS Water Well



W.W 390' - 2013

Jupiter 19 Federal Com #510 Flowine

30' - Drilled 1912

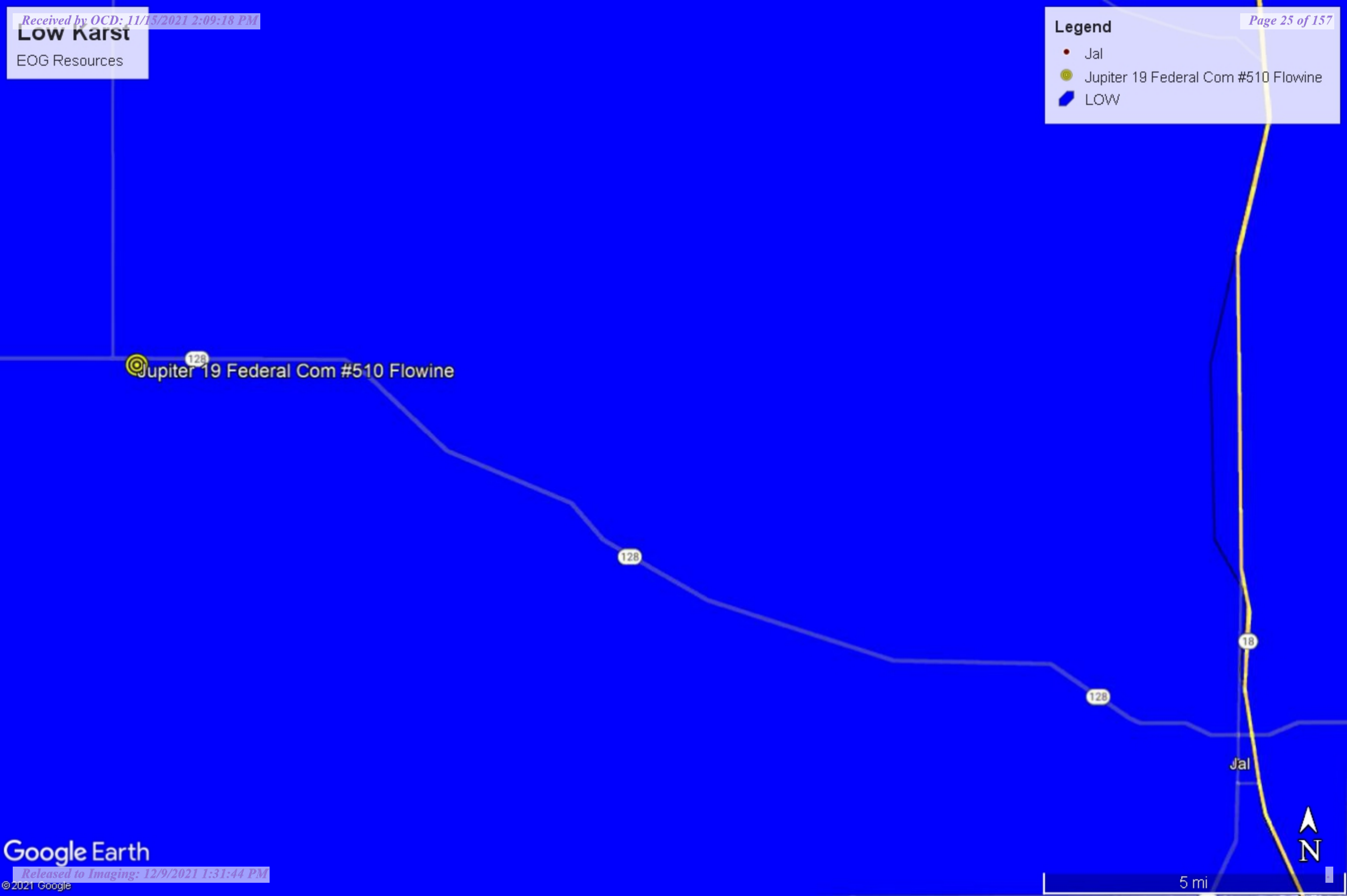
17.56' - Drilled 1991

Low Karst

EOG Resources

Legend

- Jal
- Jupiter 19 Federal Com #510 Flowine
- LOW





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 Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02373	CUB	LE		4	1	32	24S	34E		641979	3560916*	600		
C 02386	CUB	LE		4	1	2	04	24S	34E	643962	3569290*	575	475	100
C 02387	CUB	LE				1	11	24S	34E	646513	3567613*	62	40	22
C 02397	CUB	LE		4	1	2	04	24S	34E	643962	3569290*	575	475	100
C 03932 POD13	CUB	LE		4	2	3	15	24S	34E	645314	3565203	90		
C 03932 POD3	CUB	LE		4	3	2	05	24S	34E	642442	3568787	100		
C 03932 POD8	CUB	LE		4	2	4	07	24S	34E	641120	3566769	72		
C 03942 POD1	CUB	LE		3	1	2	35	24S	34E	647005	3561246	420	222	198
C 03943 POD1	CUB	LE		2	4	2	21	24S	34E	644523	3564266	610	431	179
C 04014 POD1	CUB	LE		1	1	3	06	24S	34E	639811	3568638	91	81	10
C 04282 POD1	C	LE		1	2	1	05	24S	34E	641662	3569541	574	390	184
C 04458 POD1	CUB	LE		4	1	1	20	24S	34E	641549	3564532		0	

Average Depth to Water: **264 feet**

Minimum Depth: **0 feet**

Maximum Depth: **475 feet**

Record Count: 12

PLSS Search:

Township: 24S

Range: 34E

*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.

9/2/21 1:21 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Released to Imaging: 12/9/2021 1:31:44 PM



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
C	03666 POD1	2	3	4	13	24S	33E	639132	3565078

Driller License:	1058	Driller Company:	KEY'S DRILLING & PUMP SERVICE	
Driller Name:	CASEY KEYS			
Drill Start Date:	10/18/2013	Drill Finish Date:	10/26/2013	Plug Date:
Log File Date:	11/14/2013	PCW Rev Date:		Source: Shallow
Pump Type:		Pipe Discharge Size:		Estimated Yield: 38 GPM
Casing Size:	8.00	Depth Well:	650 feet	Depth Water: 390 feet

Water Bearing Stratifications:	Top	Bottom	Description
	460	465	Sandstone/Gravel/Conglomerate
	490	535	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	485	650

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9/2/21 1:25 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)						X	Y
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng		
	C 02309	2	2	2	25	24S	33E	639708	3562997
Driller License:					Driller Company:				
Driller Name: UNKNOWN									
Drill Start Date: 01/01/1912		Drill Finish Date:			06/30/1912		Plug Date:		
Log File Date:		PCW Rev Date:					Source:		
Pump Type:		Pipe Discharge Size:					Estimated Yield: 40 GPM		
Casing Size: 7.00		Depth Well:			60 feet		Depth Water: 30 feet		

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.

9/2/21 1:29 PM

POINT OF DIVERSION SUMMARY



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321127103310401

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321127103310401 24S.33E.24.44444

Lea County, New Mexico

Latitude 32°11'27", Longitude 103°31'04" NAD27

Land-surface elevation 3,538 feet above NAVD88

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

This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1953-11-27			D 62610		3518.95	NGVD29	1		Z	
1953-11-27			D 62611		3520.60	NAVD88	1		Z	
1953-11-27			D 72019	17.40			1		Z	
1976-01-21			D 62610		3522.78	NGVD29	1		Z	
1976-01-21			D 62611		3524.43	NAVD88	1		Z	
1976-01-21			D 72019	13.57			1		Z	
1981-03-19			D 62610		3520.32	NGVD29	1		Z	
1981-03-19			D 62611		3521.97	NAVD88	1		Z	
1981-03-19			D 72019	16.03			1		Z	
1986-03-06			D 62610		3521.55	NGVD29	1		Z	
1986-03-06			D 62611		3523.20	NAVD88	1		Z	
1986-03-06			D 72019	14.80			1		Z	
1991-05-29			D 62610		3518.79	NGVD29	1		Z	
1991-05-29			D 62611		3520.44	NAVD88	1		Z	
1991-05-29			D 72019	17.56			1		Z	

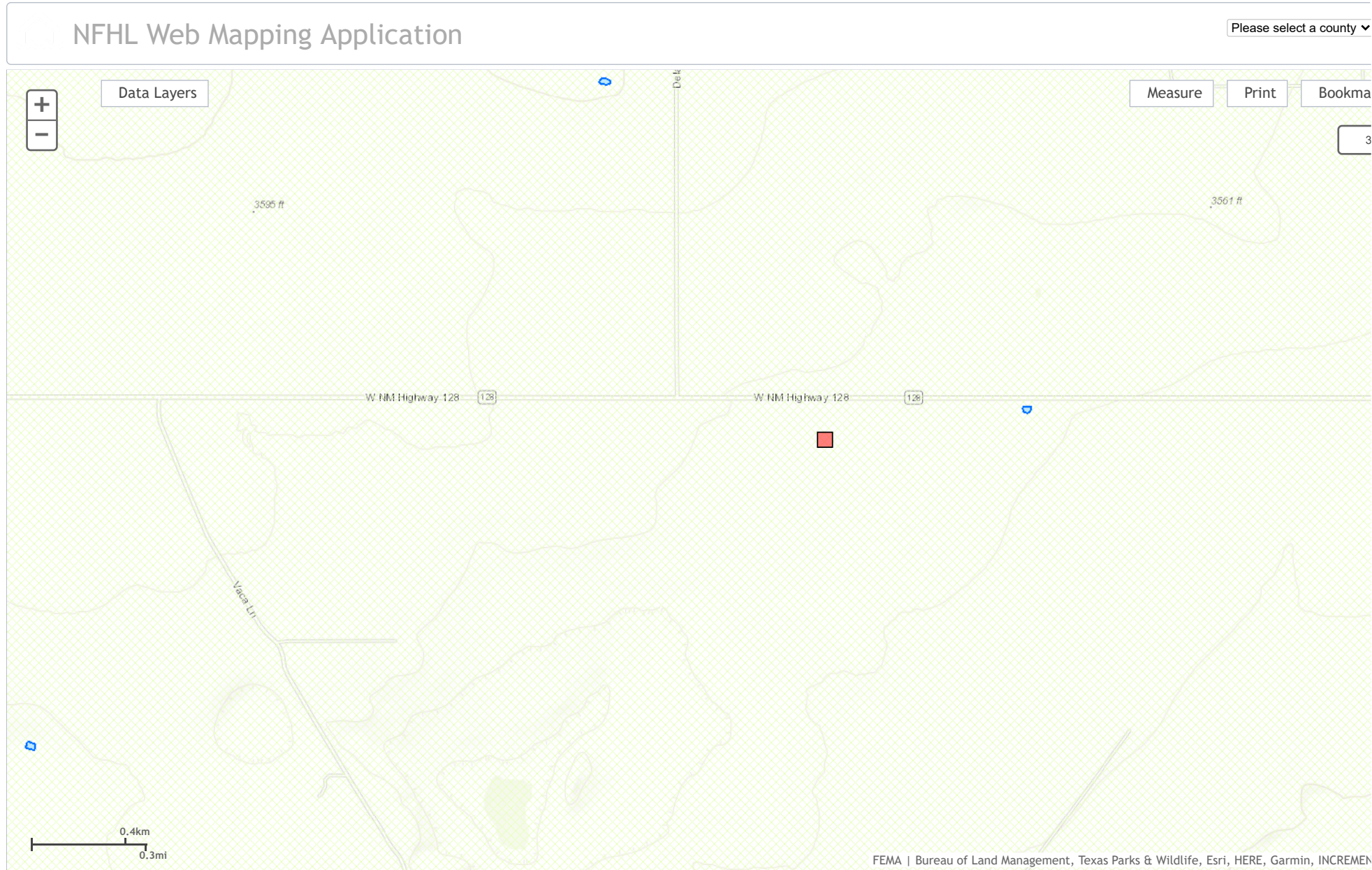
Explanation

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

[Questions about sites/data?](#)[Feedback on this web site](#)[Automated retrievals](#)[Help](#)[Data Tips](#)[Explanation of terms](#)[Subscribe for system changes](#)[News](#)[Accessibility](#)[FOIA](#)[Privacy](#)[Policies and Notices](#)[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)**Title: Groundwater for New Mexico: Water Levels****URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**Page Contact Information: [New Mexico Water Data Maintainer](#)

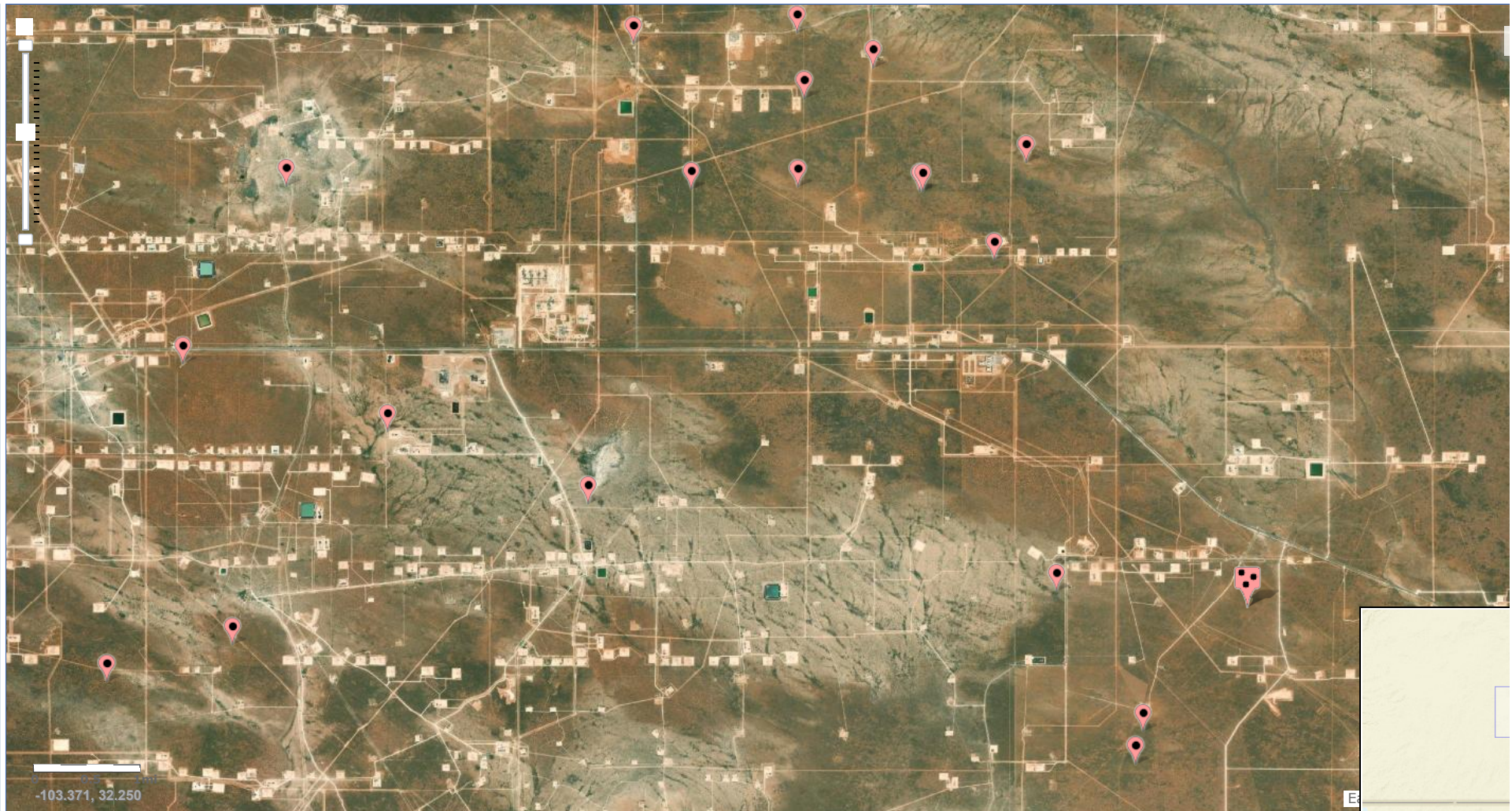
Page Last Modified: 2021-09-02 15:32:24 EDT

0.27 0.23 nadww02





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: 880-5784-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Jupiter 19 Fed Com #510 Flowline

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:
9/9/2021 2:37:35 PM

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

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

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: Jupiter 19 Fed Com #510 Flowline

Laboratory Job ID: 880-5784-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Qualifiers

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high 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: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Job ID: 880-5784-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-5784-1

Receipt

The samples were received on 9/3/2021 11:57 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 1.8°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S1 (0-1') (880-5784-1), S2 (1'-1.5') (880-5784-7), S2 (2'-2.5') (880-5784-8), S2 (3'-3.5') (880-5784-9) and S4 (2'-2.5') (880-5784-18). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S2 (0-1') (880-5784-6). Evidence of matrix interferences is not obvious.

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: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S1 (0-1')

Lab Sample ID: 880-5784-1

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.296	F1 F2	0.00200		mg/Kg		09/03/21 12:21	09/03/21 16:58	1
Toluene	5.21		0.199		mg/Kg		09/08/21 09:25	09/08/21 13:11	100
Ethylbenzene	5.10		0.199		mg/Kg		09/08/21 09:25	09/08/21 13:11	100
m-Xylene & p-Xylene	12.2		0.398		mg/Kg		09/08/21 09:25	09/08/21 13:11	100
o-Xylene	4.65		0.199		mg/Kg		09/08/21 09:25	09/08/21 13:11	100
Xylenes, Total	16.9		0.398		mg/Kg		09/08/21 09:25	09/08/21 13:11	100
Total BTEX	27.2		0.398		mg/Kg		09/08/21 09:25	09/08/21 13:11	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	318	S1+	70 - 130	09/03/21 12:21	09/03/21 16:58	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/03/21 12:21	09/03/21 16:58	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	558		50.0		mg/Kg		09/03/21 13:45	09/03/21 17:11	1
Diesel Range Organics (Over C10-C28)	2780		50.0		mg/Kg		09/03/21 13:45	09/03/21 17:11	1
Oil Range Organics (Over C28-C36)	409		50.0		mg/Kg		09/03/21 13:45	09/03/21 17:11	1
Total TPH	3750		50.0		mg/Kg		09/03/21 13:45	09/03/21 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	09/03/21 13:45	09/03/21 17:11	1
o-Terphenyl	107		70 - 130	09/03/21 13:45	09/03/21 17:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	268		4.95		mg/Kg			09/07/21 10:45	1

Client Sample ID: S1 (1'-1.5')

Lab Sample ID: 880-5784-2

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:21	09/03/21 17:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 17:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 17:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/03/21 12:21	09/03/21 17:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 17:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/03/21 12:21	09/03/21 17:18	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/03/21 12:21	09/03/21 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	09/03/21 12:21	09/03/21 17:18	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130	09/03/21 12:21	09/03/21 17:18	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		09/03/21 13:45	09/03/21 18:15	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S1 (1'-1.5')

Lab Sample ID: 880-5784-2

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 13:45	09/03/21 18:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 18:15	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				09/03/21 13:45	09/03/21 18:15	1
o-Terphenyl	120		70 - 130				09/03/21 13:45	09/03/21 18:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.5		5.02		mg/Kg			09/07/21 11:02	1

Client Sample ID: S1 (2'-2.5')

Lab Sample ID: 880-5784-3

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00217		0.00200		mg/Kg		09/03/21 12:21	09/03/21 17:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 17:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 17:39	1
m-Xylene & p-Xylene	0.00407		0.00399		mg/Kg		09/03/21 12:21	09/03/21 17:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 17:39	1
Xylenes, Total	0.00407		0.00399		mg/Kg		09/03/21 12:21	09/03/21 17:39	1
Total BTEX	0.00624		0.00399		mg/Kg		09/03/21 12:21	09/03/21 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				09/03/21 12:21	09/03/21 17:39	1
1,4-Difluorobenzene (Surr)	107		70 - 130				09/03/21 12:21	09/03/21 17:39	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	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 18:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 18:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 18:37	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				09/03/21 13:45	09/03/21 18:37	1
o-Terphenyl	115		70 - 130				09/03/21 13:45	09/03/21 18:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.5		5.05		mg/Kg			09/07/21 11:07	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S1 (3-3.5')

Lab Sample ID: 880-5784-4

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:21	09/03/21 18:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:21	09/03/21 18:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:21	09/03/21 18:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:21	09/03/21 18:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:21	09/03/21 18:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:21	09/03/21 18:00	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:21	09/03/21 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	09/03/21 12:21	09/03/21 18:00	1
1,4-Difluorobenzene (Surr)	83		70 - 130	09/03/21 12:21	09/03/21 18:00	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		09/03/21 13:45	09/03/21 18:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 18:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 18:58	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	09/03/21 13:45	09/03/21 18:58	1
o-Terphenyl	116		70 - 130	09/03/21 13:45	09/03/21 18:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.8		4.98		mg/Kg			09/07/21 11:13	1

Client Sample ID: S1 (4'-4.5')

Lab Sample ID: 880-5784-5

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:21	09/03/21 18:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/03/21 12:21	09/03/21 18:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/03/21 12:21	09/03/21 18:20	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		09/03/21 12:21	09/03/21 18:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/03/21 12:21	09/03/21 18:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/03/21 12:21	09/03/21 18:20	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		09/03/21 12:21	09/03/21 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/03/21 12:21	09/03/21 18:20	1
1,4-Difluorobenzene (Surr)	87		70 - 130	09/03/21 12:21	09/03/21 18:20	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	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 19:20	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S1 (4'-4.5')

Lab Sample ID: 880-5784-5

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 13:45	09/03/21 19:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 19:20	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				09/03/21 13:45	09/03/21 19:20	1
o-Terphenyl	124		70 - 130				09/03/21 13:45	09/03/21 19:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.0		4.95		mg/Kg			09/07/21 11:19	1

Client Sample ID: S2 (0-1')

Lab Sample ID: 880-5784-6

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:21	09/03/21 18:41	1
Toluene	0.00669		0.00200		mg/Kg		09/03/21 12:21	09/03/21 18:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 18:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/21 12:21	09/03/21 18:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 18:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/21 12:21	09/03/21 18:41	1
Total BTEX	0.00669		0.00400		mg/Kg		09/03/21 12:21	09/03/21 18:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				09/03/21 12:21	09/03/21 18:41	1
1,4-Difluorobenzene (Surr)	85		70 - 130				09/03/21 12:21	09/03/21 18:41	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	2490		49.9		mg/Kg		09/03/21 13:45	09/03/21 19:41	1
Diesel Range Organics (Over C10-C28)	5810		250		mg/Kg		09/07/21 16:33	09/08/21 16:19	5
Oil Range Organics (Over C28-C36)	1230		49.9		mg/Kg		09/03/21 13:45	09/03/21 19:41	1
Total TPH	11800		49.9		mg/Kg		09/03/21 13:45	09/03/21 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	195	S1+	70 - 130				09/03/21 13:45	09/03/21 19:41	1
o-Terphenyl	124		70 - 130				09/03/21 13:45	09/03/21 19:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.6		4.95		mg/Kg			09/07/21 13:13	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S2 (1'-1.5')

Lab Sample ID: 880-5784-7

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.25		0.199		mg/Kg		09/08/21 09:25	09/08/21 13:31	100
Toluene	98.6		0.504		mg/Kg		09/07/21 12:48	09/08/21 15:51	250
Ethylbenzene	23.4		0.199		mg/Kg		09/08/21 09:25	09/08/21 13:31	100
m-Xylene & p-Xylene	57.1		0.398		mg/Kg		09/08/21 09:25	09/08/21 13:31	100
o-Xylene	20.1		0.199		mg/Kg		09/08/21 09:25	09/08/21 13:31	100
Xylenes, Total	77.2		0.398		mg/Kg		09/08/21 09:25	09/08/21 13:31	100
Total BTEX	290		1.01		mg/Kg		09/07/21 12:48	09/08/21 15:51	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	239	S1+	70 - 130	09/08/21 09:25	09/08/21 13:31	100
1,4-Difluorobenzene (Surr)	107		70 - 130	09/08/21 09:25	09/08/21 13:31	100

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	3090		49.8		mg/Kg		09/03/21 13:45	09/03/21 20:03	1
Diesel Range Organics (Over C10-C28)	6350		49.8		mg/Kg		09/03/21 13:45	09/03/21 20:03	1
Oil Range Organics (Over C28-C36)	1010		49.8		mg/Kg		09/03/21 13:45	09/03/21 20:03	1
Total TPH	10500		49.8		mg/Kg		09/03/21 13:45	09/03/21 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	170	S1+	70 - 130	09/03/21 13:45	09/03/21 20:03	1
o-Terphenyl	105		70 - 130	09/03/21 13:45	09/03/21 20:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.1		5.04		mg/Kg			09/07/21 13:18	1

Client Sample ID: S2 (2'-2.5')

Lab Sample ID: 880-5784-8

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.201	U	0.201		mg/Kg		09/08/21 09:25	09/08/21 13:51	100
Toluene	2.79		0.201		mg/Kg		09/08/21 09:25	09/08/21 13:51	100
Ethylbenzene	2.47		0.201		mg/Kg		09/08/21 09:25	09/08/21 13:51	100
m-Xylene & p-Xylene	7.40		0.402		mg/Kg		09/08/21 09:25	09/08/21 13:51	100
o-Xylene	3.31		0.201		mg/Kg		09/08/21 09:25	09/08/21 13:51	100
Xylenes, Total	10.7		0.402		mg/Kg		09/08/21 09:25	09/08/21 13:51	100
Total BTEX	16.0		0.402		mg/Kg		09/08/21 09:25	09/08/21 13:51	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	09/08/21 09:25	09/08/21 13:51	100
1,4-Difluorobenzene (Surr)	106		70 - 130	09/08/21 09:25	09/08/21 13:51	100

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	306		49.9		mg/Kg		09/03/21 13:45	09/03/21 20:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S2 (2'-2.5')

Lab Sample ID: 880-5784-8

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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)	1100		49.9		mg/Kg		09/03/21 13:45	09/03/21 20:24	1
Oil Range Organics (Over C28-C36)	191		49.9		mg/Kg		09/03/21 13:45	09/03/21 20:24	1
Total TPH	1600		49.9		mg/Kg		09/03/21 13:45	09/03/21 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	09/03/21 13:45	09/03/21 20:24	1
o-Terphenyl	115		70 - 130	09/03/21 13:45	09/03/21 20:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.9		4.97		mg/Kg			09/07/21 13:24	1

Client Sample ID: S2 (3'-3.5')

Lab Sample ID: 880-5784-9

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.198	U	0.198		mg/Kg		09/08/21 09:25	09/08/21 14:12	100
Toluene	0.237		0.198		mg/Kg		09/08/21 09:25	09/08/21 14:12	100
Ethylbenzene	<0.198	U	0.198		mg/Kg		09/08/21 09:25	09/08/21 14:12	100
m-Xylene & p-Xylene	<0.396	U	0.396		mg/Kg		09/08/21 09:25	09/08/21 14:12	100
o-Xylene	<0.198	U	0.198		mg/Kg		09/08/21 09:25	09/08/21 14:12	100
Xylenes, Total	<0.396	U	0.396		mg/Kg		09/08/21 09:25	09/08/21 14:12	100
Total BTEX	<0.396	U	0.396		mg/Kg		09/08/21 09:25	09/08/21 14:12	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	09/08/21 09:25	09/08/21 14:12	100
1,4-Difluorobenzene (Surr)	102		70 - 130	09/08/21 09:25	09/08/21 14:12	100

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		09/03/21 13:45	09/03/21 20:45	1
Diesel Range Organics (Over C10-C28)	82.2		49.9		mg/Kg		09/03/21 13:45	09/03/21 20:45	1
Oil Range Organics (Over C28-C36)	63.7		49.9		mg/Kg		09/03/21 13:45	09/03/21 20:45	1
Total TPH	146		49.9		mg/Kg		09/03/21 13:45	09/03/21 20:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	09/03/21 13:45	09/03/21 20:45	1
o-Terphenyl	134	S1+	70 - 130	09/03/21 13:45	09/03/21 20:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		4.99		mg/Kg			09/07/21 13:30	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S2 (4'-4.5')

Lab Sample ID: 880-5784-10

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:21	09/03/21 20:04	1
Toluene	0.0215		0.00202		mg/Kg		09/03/21 12:21	09/03/21 20:04	1
Ethylbenzene	0.00724		0.00202		mg/Kg		09/03/21 12:21	09/03/21 20:04	1
m-Xylene & p-Xylene	0.0238		0.00403		mg/Kg		09/03/21 12:21	09/03/21 20:04	1
o-Xylene	0.00641		0.00202		mg/Kg		09/03/21 12:21	09/03/21 20:04	1
Xylenes, Total	0.0302		0.00403		mg/Kg		09/03/21 12:21	09/03/21 20:04	1
Total BTEX	0.0590		0.00403		mg/Kg		09/03/21 12:21	09/03/21 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	09/03/21 12:21	09/03/21 20:04	1
1,4-Difluorobenzene (Surr)	82		70 - 130	09/03/21 12:21	09/03/21 20:04	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		09/03/21 13:45	09/03/21 21:06	1
Diesel Range Organics (Over C10-C28)	94.8		49.8		mg/Kg		09/03/21 13:45	09/03/21 21:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 21:06	1
Total TPH	94.8		49.8		mg/Kg		09/03/21 13:45	09/03/21 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	09/03/21 13:45	09/03/21 21:06	1
o-Terphenyl	116		70 - 130	09/03/21 13:45	09/03/21 21:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		4.95		mg/Kg			09/07/21 13:35	1

Client Sample ID: S3 (0-1')

Lab Sample ID: 880-5784-11

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:22	09/03/21 21:26	1
Toluene	0.00464		0.00200		mg/Kg		09/03/21 12:22	09/03/21 21:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:22	09/03/21 21:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/03/21 12:22	09/03/21 21:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:22	09/03/21 21:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/03/21 12:22	09/03/21 21:26	1
Total BTEX	0.00464		0.00399		mg/Kg		09/03/21 12:22	09/03/21 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	09/03/21 12:22	09/03/21 21:26	1
1,4-Difluorobenzene (Surr)	86		70 - 130	09/03/21 12:22	09/03/21 21:26	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	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 21:48	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S3 (0-1')

Lab Sample ID: 880-5784-11

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 13:45	09/03/21 21:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 21:48	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				09/03/21 13:45	09/03/21 21:48	1
o-Terphenyl	132	S1+	70 - 130				09/03/21 13:45	09/03/21 21:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.4		5.00		mg/Kg			09/07/21 13:41	1

Client Sample ID: S3 (1'-1.5')

Lab Sample ID: 880-5784-12

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:22	09/03/21 21:46	1
Toluene	0.00621		0.00201		mg/Kg		09/03/21 12:22	09/03/21 21:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:22	09/03/21 21:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/03/21 12:22	09/03/21 21:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/03/21 12:22	09/03/21 21:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/03/21 12:22	09/03/21 21:46	1
Total BTEX	0.00621		0.00402		mg/Kg		09/03/21 12:22	09/03/21 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				09/03/21 12:22	09/03/21 21:46	1
1,4-Difluorobenzene (Surr)	95		70 - 130				09/03/21 12:22	09/03/21 21:46	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		09/03/21 13:45	09/03/21 22:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 22:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 22:09	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 22:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				09/03/21 13:45	09/03/21 22:09	1
o-Terphenyl	121		70 - 130				09/03/21 13:45	09/03/21 22:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.3		5.04		mg/Kg			09/07/21 13:58	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S3 (2'-2.5')

Lab Sample ID: 880-5784-13

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:22	09/03/21 22:07	1
Toluene	0.00743		0.00198		mg/Kg		09/03/21 12:22	09/03/21 22:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/03/21 12:22	09/03/21 22:07	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		09/03/21 12:22	09/03/21 22:07	1
o-Xylene	0.00247		0.00198		mg/Kg		09/03/21 12:22	09/03/21 22:07	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		09/03/21 12:22	09/03/21 22:07	1
Total BTEX	0.00990		0.00397		mg/Kg		09/03/21 12:22	09/03/21 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	09/03/21 12:22	09/03/21 22:07	1
1,4-Difluorobenzene (Surr)	94		70 - 130	09/03/21 12:22	09/03/21 22:07	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	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 22:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 22:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 22:30	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 22:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/03/21 13:45	09/03/21 22:30	1
o-Terphenyl	112		70 - 130	09/03/21 13:45	09/03/21 22:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.3		4.98		mg/Kg			09/06/21 10:43	1

Client Sample ID: S3 (3'-3.5')

Lab Sample ID: 880-5784-14

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:22	09/03/21 22:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:22	09/03/21 22:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:22	09/03/21 22:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/21 12:22	09/03/21 22:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:22	09/03/21 22:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/21 12:22	09/03/21 22:27	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/03/21 12:22	09/03/21 22:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	09/03/21 12:22	09/03/21 22:27	1
1,4-Difluorobenzene (Surr)	94		70 - 130	09/03/21 12:22	09/03/21 22:27	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		09/03/21 13:45	09/03/21 22:51	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S3 (3'-3.5')

Lab Sample ID: 880-5784-14

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 13:45	09/03/21 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 22:51	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				09/03/21 13:45	09/03/21 22:51	1
o-Terphenyl	132	S1+	70 - 130				09/03/21 13:45	09/03/21 22:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.4		4.96		mg/Kg			09/06/21 10:48	1

Client Sample ID: S3 (4'-4.5')

Lab Sample ID: 880-5784-15

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:22	09/03/21 22:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:22	09/03/21 22:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:22	09/03/21 22:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:22	09/03/21 22:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:22	09/03/21 22:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:22	09/03/21 22:48	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:22	09/03/21 22:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				09/03/21 12:22	09/03/21 22:48	1
1,4-Difluorobenzene (Surr)	63	S1-	70 - 130				09/03/21 12:22	09/03/21 22:48	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		09/03/21 13:45	09/03/21 23:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 23:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 23:12	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 13:45	09/03/21 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				09/03/21 13:45	09/03/21 23:12	1
o-Terphenyl	127		70 - 130				09/03/21 13:45	09/03/21 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		4.95		mg/Kg			09/06/21 10:54	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S4 (0-1')

Lab Sample ID: 880-5784-16

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:22	09/03/21 23:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:22	09/03/21 23:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:22	09/03/21 23:09	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/03/21 12:22	09/03/21 23:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:22	09/03/21 23:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/03/21 12:22	09/03/21 23:09	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/03/21 12:22	09/03/21 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	09/03/21 12:22	09/03/21 23:09	1
1,4-Difluorobenzene (Surr)	79		70 - 130	09/03/21 12:22	09/03/21 23:09	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	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 23:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 23:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 23:33	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 13:45	09/03/21 23:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	09/03/21 13:45	09/03/21 23:33	1
o-Terphenyl	127		70 - 130	09/03/21 13:45	09/03/21 23:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.0		4.99		mg/Kg			09/06/21 10:59	1

Client Sample ID: S4 (1'-1.5')

Lab Sample ID: 880-5784-17

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:22	09/03/21 23:29	1
Toluene	0.00262		0.00199		mg/Kg		09/03/21 12:22	09/03/21 23:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:22	09/03/21 23:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:22	09/03/21 23:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:22	09/03/21 23:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:22	09/03/21 23:29	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:22	09/03/21 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	09/03/21 12:22	09/03/21 23:29	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/03/21 12:22	09/03/21 23:29	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		09/03/21 13:45	09/03/21 23:54	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S4 (1'-1.5')

Lab Sample ID: 880-5784-17

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 13:45	09/03/21 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 23:54	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				09/03/21 13:45	09/03/21 23:54	1
o-Terphenyl	121		70 - 130				09/03/21 13:45	09/03/21 23:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.7		5.01		mg/Kg			09/06/21 11:05	1

Client Sample ID: S4 (2'-2.5')

Lab Sample ID: 880-5784-18

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		09/08/21 09:25	09/08/21 14:32	100
Toluene	0.152		0.00200		mg/Kg		09/03/21 12:22	09/03/21 23:50	1
Ethylbenzene	4.01		0.199		mg/Kg		09/08/21 09:25	09/08/21 14:32	100
m-Xylene & p-Xylene	13.4		0.398		mg/Kg		09/08/21 09:25	09/08/21 14:32	100
o-Xylene	0.0248		0.00200		mg/Kg		09/03/21 12:22	09/03/21 23:50	1
Xylenes, Total	18.1		0.398		mg/Kg		09/08/21 09:25	09/08/21 14:32	100
Total BTEX	27.6		0.398		mg/Kg		09/08/21 09:25	09/08/21 14:32	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	841	S1+	70 - 130				09/03/21 12:22	09/03/21 23:50	1
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130				09/03/21 12:22	09/03/21 23:50	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	671		49.8		mg/Kg		09/03/21 13:45	09/04/21 00:15	1
Diesel Range Organics (Over C10-C28)	1860		49.8		mg/Kg		09/03/21 13:45	09/04/21 00:15	1
Oil Range Organics (Over C28-C36)	273		49.8		mg/Kg		09/03/21 13:45	09/04/21 00:15	1
Total TPH	2800		49.8		mg/Kg		09/03/21 13:45	09/04/21 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				09/03/21 13:45	09/04/21 00:15	1
o-Terphenyl	119		70 - 130				09/03/21 13:45	09/04/21 00:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.4		4.98		mg/Kg			09/06/21 11:11	1

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Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S4 (3'-3.5')

Lab Sample ID: 880-5784-19

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:22	09/04/21 00:10	1
Toluene	0.0154		0.00199		mg/Kg		09/03/21 12:22	09/04/21 00:10	1
Ethylbenzene	0.00207		0.00199		mg/Kg		09/03/21 12:22	09/04/21 00:10	1
m-Xylene & p-Xylene	0.0153		0.00398		mg/Kg		09/03/21 12:22	09/04/21 00:10	1
o-Xylene	0.00975		0.00199		mg/Kg		09/03/21 12:22	09/04/21 00:10	1
Xylenes, Total	0.0251		0.00398		mg/Kg		09/03/21 12:22	09/04/21 00:10	1
Total BTEX	0.0425		0.00398		mg/Kg		09/03/21 12:22	09/04/21 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	09/03/21 12:22	09/04/21 00:10	1
1,4-Difluorobenzene (Surr)	112		70 - 130	09/03/21 12:22	09/04/21 00:10	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		09/03/21 13:45	09/04/21 00:36	1
Diesel Range Organics (Over C10-C28)	76.3		50.0		mg/Kg		09/03/21 13:45	09/04/21 00:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/04/21 00:36	1
Total TPH	76.3		50.0		mg/Kg		09/03/21 13:45	09/04/21 00:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	09/03/21 13:45	09/04/21 00:36	1
o-Terphenyl	124		70 - 130	09/03/21 13:45	09/04/21 00:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.8		5.02		mg/Kg			09/06/21 11:16	1

Client Sample ID: S4 (4'-4.5')

Lab Sample ID: 880-5784-20

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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		09/03/21 12:22	09/04/21 00:31	1
Toluene	0.00404		0.00199		mg/Kg		09/03/21 12:22	09/04/21 00:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:22	09/04/21 00:31	1
m-Xylene & p-Xylene	0.00698		0.00398		mg/Kg		09/03/21 12:22	09/04/21 00:31	1
o-Xylene	0.00883		0.00199		mg/Kg		09/03/21 12:22	09/04/21 00:31	1
Xylenes, Total	0.0158		0.00398		mg/Kg		09/03/21 12:22	09/04/21 00:31	1
Total BTEX	0.0199		0.00398		mg/Kg		09/03/21 12:22	09/04/21 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	09/03/21 12:22	09/04/21 00:31	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/03/21 12:22	09/04/21 00:31	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		09/03/21 13:45	09/04/21 00:57	1

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Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S4 (4'-4.5')

Lab Sample ID: 880-5784-20

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

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)	65.1		50.0		mg/Kg		09/03/21 13:45	09/04/21 00:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/04/21 00:57	1
Total TPH	65.1		50.0		mg/Kg		09/03/21 13:45	09/04/21 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				09/03/21 13:45	09/04/21 00:57	1
o-Terphenyl	118		70 - 130				09/03/21 13:45	09/04/21 00:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.5		4.97		mg/Kg			09/06/21 11:22	1

Surrogate Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-5784-1	S1 (0-1')	318 S1+	98
880-5784-1 MS	S1 (0-1')	441 S1+	114
880-5784-1 MSD	S1 (0-1')	466 S1+	125
880-5784-2	S1 (1'-1.5')	83	68 S1-
880-5784-3	S1 (2'-2.5')	114	107
880-5784-4	S1 (3'-3.5')	115	83
880-5784-5	S1 (4'-4.5')	102	87
880-5784-6	S2 (0-1')	100	85
880-5784-7	S2 (1'-1.5')	239 S1+	107
880-5784-8	S2 (2'-2.5')	143 S1+	106
880-5784-9	S2 (3'-3.5')	132 S1+	102
880-5784-10	S2 (4'-4.5')	90	82
880-5784-11	S3 (0-1')	101	86
880-5784-12	S3 (1'-1.5')	99	95
880-5784-13	S3 (2'-2.5')	117	94
880-5784-14	S3 (3'-3.5')	98	94
880-5784-15	S3 (4'-4.5')	82	63 S1-
880-5784-16	S4 (0-1')	97	79
880-5784-17	S4 (1'-1.5')	116	99
880-5784-18	S4 (2'-2.5')	841 S1+	136 S1+
880-5784-19	S4 (3'-3.5')	143 S1+	112
880-5784-20	S4 (4'-4.5')	127	111
880-5786-A-26-D MS	Matrix Spike	126	105
880-5786-A-26-E MSD	Matrix Spike Duplicate	112	103
880-5801-A-10-E MS	Matrix Spike	117	107
880-5801-A-10-F MSD	Matrix Spike Duplicate	8851 S1+	8072 S1+
LCS 880-7502/1-A	Lab Control Sample	120	121
LCS 880-7607/1-A	Lab Control Sample	136 S1+	113
LCS 880-7636/1-A	Lab Control Sample	112	104
LCSD 880-7607/2-A	Lab Control Sample Dup	132 S1+	115
LCSD 880-7636/2-A	Lab Control Sample Dup	107	104
MB 880-7502/5-A	Method Blank	103	111
MB 880-7605/5-A	Method Blank	88	1 S1-
MB 880-7607/5-A	Method Blank	90	108
MB 880-7636/5-A	Method Blank	105	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
LCSD 880-7502/2-A	Lab Control Sample Dup		

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, 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)
880-5784-1	S1 (0'-1')	124	107
880-5784-2	S1 (1'-1.5')	111	120
880-5784-2 MS	S1 (1'-1.5')	113	106
880-5784-2 MSD	S1 (1'-1.5')	113	105
880-5784-3	S1 (2'-2.5')	104	115
880-5784-4	S1 (3'-3.5')	109	116
880-5784-5	S1 (4'-4.5')	119	124
880-5784-6	S2 (0'-1')	195 S1+	124
880-5784-7	S2 (1'-1.5')	170 S1+	105
880-5784-8	S2 (2'-2.5')	118	115
880-5784-9	S2 (3'-3.5')	120	134 S1+
880-5784-10	S2 (4'-4.5')	108	116
880-5784-11	S3 (0'-1')	123	132 S1+
880-5784-12	S3 (1'-1.5')	112	121
880-5784-13	S3 (2'-2.5')	106	112
880-5784-14	S3 (3'-3.5')	121	132 S1+
880-5784-15	S3 (4'-4.5')	116	127
880-5784-16	S4 (0'-1')	122	127
880-5784-17	S4 (1'-1.5')	120	121
880-5784-18	S4 (2'-2.5')	126	119
880-5784-19	S4 (3'-3.5')	115	124
880-5784-20	S4 (4'-4.5')	110	118
880-5804-A-1-E MS	Matrix Spike	100	93
880-5804-A-1-F MSD	Matrix Spike Duplicate	91	84
LCS 880-7517/2-A	Lab Control Sample	135 S1+	133 S1+
LCS 880-7622/2-A	Lab Control Sample	109	105
LCSD 880-7517/3-A	Lab Control Sample Dup	134 S1+	135 S1+
LCSD 880-7622/3-A	Lab Control Sample Dup	124	117
MB 880-7517/1-A	Method Blank	102	112
MB 880-7622/1-A	Method Blank	102	112

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-7502/5-A

Matrix: Solid

Analysis Batch: 7505

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7502

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 16:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 16:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 16:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/21 12:21	09/03/21 16:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:21	09/03/21 16:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/21 12:21	09/03/21 16:36	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/03/21 12:21	09/03/21 16:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	09/03/21 12:21	09/03/21 16:36	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/03/21 12:21	09/03/21 16:36	1

Lab Sample ID: LCS 880-7502/1-A

Matrix: Solid

Analysis Batch: 7505

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7502

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07687		mg/Kg		77	70 - 130
Toluene	0.100	0.09043		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.1030		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.1822		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08734		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	121		70 - 130

Lab Sample ID: LCSD 880-7502/2-A

Matrix: Solid

Analysis Batch: 7505

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7502

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08039		mg/Kg					
Toluene	0.100	0.08162		mg/Kg					
Ethylbenzene	0.100	0.08145		mg/Kg					
m-Xylene & p-Xylene	0.200	0.1536		mg/Kg					
o-Xylene	0.100	0.08047		mg/Kg					

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

Lab Sample ID: 880-5784-1 MS

Matrix: Solid

Analysis Batch: 7505

Client Sample ID: S1 (0-1')

Prep Type: Total/NA

Prep Batch: 7502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.296	F1 F2	0.100	0.3870		mg/Kg		91	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

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

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	441	S1+	70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-5784-1 MSD

Matrix: Solid

Analysis Batch: 7505

Client Sample ID: S1 (0-1')

Prep Type: Total/NA

Prep Batch: 7502

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.296	F1 F2	0.0994	0.1404	F1 F2	mg/Kg		-157	70 - 130	94	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	466	S1+	70 - 130
1,4-Difluorobenzene (Surr)	125		70 - 130

Lab Sample ID: MB 880-7605/5-A

Matrix: Solid

Analysis Batch: 7606

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/07/21 12:22	09/07/21 15:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/07/21 12:22	09/07/21 15:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/07/21 12:22	09/07/21 15:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/07/21 12:22	09/07/21 15:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/07/21 12:22	09/07/21 15:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/07/21 12:22	09/07/21 15:59	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/07/21 12:22	09/07/21 15:59	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	88		70 - 130				09/07/21 12:22	09/07/21 15:59	1
1,4-Difluorobenzene (Surr)	1	S1-	70 - 130				09/07/21 12:22	09/07/21 15:59	1

Lab Sample ID: MB 880-7607/5-A

Matrix: Solid

Analysis Batch: 7606

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7607

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/07/21 12:48	09/08/21 05:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/07/21 12:48	09/08/21 05:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/07/21 12:48	09/08/21 05:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/07/21 12:48	09/08/21 05:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/07/21 12:48	09/08/21 05:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/07/21 12:48	09/08/21 05:46	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/07/21 12:48	09/08/21 05:46	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	90		70 - 130				09/07/21 12:48	09/08/21 05:46	1
1,4-Difluorobenzene (Surr)	108		70 - 130				09/07/21 12:48	09/08/21 05:46	1

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-7607/1-A

Matrix: Solid

Analysis Batch: 7606

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7607

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1204		mg/Kg		120	70 - 130
Toluene	0.100	0.1240		mg/Kg		124	70 - 130
Ethylbenzene	0.100	0.1232		mg/Kg		123	70 - 130
m-Xylene & p-Xylene	0.200	0.2470		mg/Kg		123	70 - 130
o-Xylene	0.100	0.1210		mg/Kg		121	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: LCSD 880-7607/2-A

Matrix: Solid

Analysis Batch: 7606

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7607

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1163		mg/Kg		116	70 - 130	3	35
Toluene	0.100	0.1210		mg/Kg		121	70 - 130	2	35
Ethylbenzene	0.100	0.1197		mg/Kg		120	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2392		mg/Kg		120	70 - 130	3	35
o-Xylene	0.100	0.1169		mg/Kg		117	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 880-5801-A-10-E MS

Matrix: Solid

Analysis Batch: 7606

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7607

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1 F2	0.0998	0.04731	F1	mg/Kg		47	70 - 130
Toluene	<0.00200	U F1 F2	0.0998	0.05424	F1	mg/Kg		54	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.0998	0.06017	F1	mg/Kg		59	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.1161	F1	mg/Kg		58	70 - 130
o-Xylene	<0.00200	U F1 F2	0.0998	0.05688	F1	mg/Kg		57	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-5801-A-10-F MSD

Matrix: Solid

Analysis Batch: 7606

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7607

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0994	0.01762	F1 F2	mg/Kg		18	70 - 130	91	35
Toluene	<0.00200	U F1 F2	0.0994	0.004541	F1 F2	mg/Kg		5	70 - 130	169	35

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-5801-A-10-F MSD

Matrix: Solid

Analysis Batch: 7606

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7607

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	8851	S1+	70 - 130
1,4-Difluorobenzene (Surr)	8072	S1+	70 - 130

Lab Sample ID: MB 880-7636/5-A

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7636

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:29	1	
Toluene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:29	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:29	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/08/21 09:25	09/08/21 12:29	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/08/21 09:25	09/08/21 12:29	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/08/21 09:25	09/08/21 12:29	1	
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/08/21 09:25	09/08/21 12:29	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
4-Bromofluorobenzene (Surr)	105		70 - 130	09/08/21 09:25	09/08/21 12:29	1				
1,4-Difluorobenzene (Surr)	98		70 - 130	09/08/21 09:25	09/08/21 12:29	1				

Lab Sample ID: LCS 880-7636/1-A

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7636

	Spike	LCS	LCS						%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09588		mg/Kg		96	70 - 130			
Toluene	0.100	0.09057		mg/Kg		91	70 - 130			
Ethylbenzene	0.100	0.08996		mg/Kg		90	70 - 130			
m-Xylene & p-Xylene	0.200	0.1841		mg/Kg		92	70 - 130			
o-Xylene	0.100	0.09159		mg/Kg		92	70 - 130			

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-7636/2-A

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7636

	Spike	LCSD	LCSD						%Rec.	RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit		
Benzene	0.100	0.08896		mg/Kg		89	70 - 130	7	35		
Toluene	0.100	0.08402		mg/Kg		84	70 - 130	8	35		
Ethylbenzene	0.100	0.08218		mg/Kg		82	70 - 130	9	35		
m-Xylene & p-Xylene	0.200	0.1715		mg/Kg		86	70 - 130	7	35		
o-Xylene	0.100	0.08531		mg/Kg		85	70 - 130	7	35		

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-7636/2-A

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7636

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-5786-A-26-D MS

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7636

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.0998	0.08768		mg/Kg		87	70 - 130	
Toluene	<0.00200	U	0.0998	0.08534		mg/Kg		85	70 - 130	
Ethylbenzene	<0.00200	U	0.0998	0.08509		mg/Kg		85	70 - 130	
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1803		mg/Kg		90	70 - 130	
o-Xylene	<0.00200	U	0.0998	0.09185		mg/Kg		92	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-5786-A-26-E MSD

Matrix: Solid

Analysis Batch: 7637

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7636

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U	0.0994	0.08536		mg/Kg		85	70 - 130	3	35	
Toluene	<0.00200	U	0.0994	0.07886		mg/Kg		79	70 - 130	8	35	
Ethylbenzene	<0.00200	U	0.0994	0.07565		mg/Kg		76	70 - 130	12	35	
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1524		mg/Kg		77	70 - 130	17	35	
o-Xylene	<0.00200	U	0.0994	0.07722		mg/Kg		77	70 - 130	17	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-7517/1-A

Matrix: Solid

Analysis Batch: 7493

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7517

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 16:06		1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 16:06		1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 16:06		1	
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 13:45	09/03/21 16:06		1	

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-7517/1-A

Matrix: Solid

Analysis Batch: 7493

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7517

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	102		70 - 130	09/03/21 13:45	09/03/21 16:06	1				
o-Terphenyl	112		70 - 130	09/03/21 13:45	09/03/21 16:06	1				

Lab Sample ID: LCS 880-7517/2-A

Matrix: Solid

Analysis Batch: 7493

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7517

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1080		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1162		mg/Kg		116	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	135	S1+	70 - 130								
o-Terphenyl	133	S1+	70 - 130								

Lab Sample ID: LCSD 880-7517/3-A

Matrix: Solid

Analysis Batch: 7493

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7517

			Spike	LCSD	LCSD				%Rec.		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1048		mg/Kg		105	70 - 130	3	20	
Diesel Range Organics (Over C10-C28)			1000	1165		mg/Kg		117	70 - 130	0	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	134	S1+	70 - 130									
o-Terphenyl	135	S1+	70 - 130									

Lab Sample ID: 880-5784-2 MS

Matrix: Solid

Analysis Batch: 7493

Client Sample ID: S1 (1'-1.5')

Prep Type: Total/NA

Prep Batch: 7517

	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	995	1100		mg/Kg		108	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U	995	1072		mg/Kg		104	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	113		70 - 130									
o-Terphenyl	106		70 - 130									

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-5784-2 MSD

Matrix: Solid

Analysis Batch: 7493

Client Sample ID: S1 (1'-1.5')

Prep Type: Total/NA

Prep Batch: 7517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1001		mg/Kg		98	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1079		mg/Kg		104	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	113		70 - 130								
o-Terphenyl	105		70 - 130								

Lab Sample ID: MB 880-7622/1-A

Matrix: Solid

Analysis Batch: 7630

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7622

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		09/07/21 16:33	09/08/21 10:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/07/21 16:33	09/08/21 10:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/07/21 16:33	09/08/21 10:39	1
Total TPH	<50.0	U	50.0		mg/Kg		09/07/21 16:33	09/08/21 10:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/07/21 16:33	09/08/21 10:39	1
o-Terphenyl	112		70 - 130				09/07/21 16:33	09/08/21 10:39	1

Lab Sample ID: LCS 880-7622/2-A

Matrix: Solid

Analysis Batch: 7630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7622

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	868.7		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	985.0		mg/Kg		99	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	105		70 - 130						

Lab Sample ID: LCSD 880-7622/3-A

Matrix: Solid

Analysis Batch: 7630

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7622

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	974.9		mg/Kg		97	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1119		mg/Kg		112	70 - 130	13	20

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-7622/3-A

Matrix: Solid

Analysis Batch: 7630

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7622

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	124		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: 880-5804-A-1-E MS

Matrix: Solid

Analysis Batch: 7630

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7622

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	841.1		mg/Kg		85	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1007		mg/Kg		99	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	100		70 - 130							
o-Terphenyl	93		70 - 130							

Lab Sample ID: 880-5804-A-1-F MSD

Matrix: Solid

Analysis Batch: 7630

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7622

	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	<50.0	U	998	791.2		mg/Kg		79	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	913.1		mg/Kg		89	70 - 130	10	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	91		70 - 130									
o-Terphenyl	84		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-7513/1-A

Matrix: Solid

Analysis Batch: 7560

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			09/07/21 10:28	1	

Lab Sample ID: LCS 880-7513/2-A

Matrix: Solid

Analysis Batch: 7560

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	250	271.8		mg/Kg		109	90 - 110		

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-7513/3-A

Matrix: Solid

Analysis Batch: 7560

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	272.8		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-5784-1 MS

Matrix: Solid

Analysis Batch: 7560

Client Sample ID: S1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	268		248	531.6		mg/Kg		106	90 - 110		

Lab Sample ID: 880-5784-1 MSD

Matrix: Solid

Analysis Batch: 7560

Client Sample ID: S1 (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	268		248	532.8		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-5784-11 MS

Matrix: Solid

Analysis Batch: 7560

Client Sample ID: S3 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	41.4		250	289.5		mg/Kg		99	90 - 110		

Lab Sample ID: 880-5784-11 MSD

Matrix: Solid

Analysis Batch: 7560

Client Sample ID: S3 (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	41.4		250	290.7		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 7502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-1	S1 (0-1')	Total/NA	Solid	5035	
880-5784-2	S1 (1'-1.5')	Total/NA	Solid	5035	
880-5784-3	S1 (2'-2.5')	Total/NA	Solid	5035	
880-5784-4	S1 (3'-3.5')	Total/NA	Solid	5035	
880-5784-5	S1 (4'-4.5')	Total/NA	Solid	5035	
880-5784-6	S2 (0-1')	Total/NA	Solid	5035	
880-5784-10	S2 (4'-4.5')	Total/NA	Solid	5035	
880-5784-11	S3 (0-1')	Total/NA	Solid	5035	
880-5784-12	S3 (1'-1.5')	Total/NA	Solid	5035	
880-5784-13	S3 (2'-2.5')	Total/NA	Solid	5035	
880-5784-14	S3 (3'-3.5')	Total/NA	Solid	5035	
880-5784-15	S3 (4'-4.5')	Total/NA	Solid	5035	
880-5784-16	S4 (0-1')	Total/NA	Solid	5035	
880-5784-17	S4 (1'-1.5')	Total/NA	Solid	5035	
880-5784-18	S4 (2'-2.5')	Total/NA	Solid	5035	
880-5784-19	S4 (3'-3.5')	Total/NA	Solid	5035	
880-5784-20	S4 (4'-4.5')	Total/NA	Solid	5035	
MB 880-7502/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7502/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7502/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5784-1 MS	S1 (0-1')	Total/NA	Solid	5035	
880-5784-1 MSD	S1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 7505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-1	S1 (0-1')	Total/NA	Solid	8021B	7502
880-5784-2	S1 (1'-1.5')	Total/NA	Solid	8021B	7502
880-5784-3	S1 (2'-2.5')	Total/NA	Solid	8021B	7502
880-5784-4	S1 (3'-3.5')	Total/NA	Solid	8021B	7502
880-5784-5	S1 (4'-4.5')	Total/NA	Solid	8021B	7502
880-5784-6	S2 (0-1')	Total/NA	Solid	8021B	7502
880-5784-10	S2 (4'-4.5')	Total/NA	Solid	8021B	7502
880-5784-11	S3 (0-1')	Total/NA	Solid	8021B	7502
880-5784-12	S3 (1'-1.5')	Total/NA	Solid	8021B	7502
880-5784-13	S3 (2'-2.5')	Total/NA	Solid	8021B	7502
880-5784-14	S3 (3'-3.5')	Total/NA	Solid	8021B	7502
880-5784-15	S3 (4'-4.5')	Total/NA	Solid	8021B	7502
880-5784-16	S4 (0-1')	Total/NA	Solid	8021B	7502
880-5784-17	S4 (1'-1.5')	Total/NA	Solid	8021B	7502
880-5784-18	S4 (2'-2.5')	Total/NA	Solid	8021B	7502
880-5784-19	S4 (3'-3.5')	Total/NA	Solid	8021B	7502
880-5784-20	S4 (4'-4.5')	Total/NA	Solid	8021B	7502
MB 880-7502/5-A	Method Blank	Total/NA	Solid	8021B	7502
LCS 880-7502/1-A	Lab Control Sample	Total/NA	Solid	8021B	7502
LCSD 880-7502/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7502
880-5784-1 MS	S1 (0-1')	Total/NA	Solid	8021B	7502
880-5784-1 MSD	S1 (0-1')	Total/NA	Solid	8021B	7502

Prep Batch: 7605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-7605/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 7606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-7	S2 (1'-1.5')	Total/NA	Solid	8021B	7607
MB 880-7605/5-A	Method Blank	Total/NA	Solid	8021B	7605
MB 880-7607/5-A	Method Blank	Total/NA	Solid	8021B	7607
LCS 880-7607/1-A	Lab Control Sample	Total/NA	Solid	8021B	7607
LCSD 880-7607/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7607
880-5801-A-10-E MS	Matrix Spike	Total/NA	Solid	8021B	7607
880-5801-A-10-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	7607

Prep Batch: 7607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-7	S2 (1'-1.5')	Total/NA	Solid	5035	
MB 880-7607/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7607/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7607/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5801-A-10-E MS	Matrix Spike	Total/NA	Solid	5035	
880-5801-A-10-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 7636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-1	S1 (0-1')	Total/NA	Solid	5035	
880-5784-7	S2 (1'-1.5')	Total/NA	Solid	5035	
880-5784-8	S2 (2'-2.5')	Total/NA	Solid	5035	
880-5784-9	S2 (3'-3.5')	Total/NA	Solid	5035	
880-5784-18	S4 (2'-2.5')	Total/NA	Solid	5035	
MB 880-7636/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7636/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7636/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5786-A-26-D MS	Matrix Spike	Total/NA	Solid	5035	
880-5786-A-26-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 7637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-1	S1 (0-1')	Total/NA	Solid	8021B	7636
880-5784-7	S2 (1'-1.5')	Total/NA	Solid	8021B	7636
880-5784-8	S2 (2'-2.5')	Total/NA	Solid	8021B	7636
880-5784-9	S2 (3'-3.5')	Total/NA	Solid	8021B	7636
880-5784-18	S4 (2'-2.5')	Total/NA	Solid	8021B	7636
MB 880-7636/5-A	Method Blank	Total/NA	Solid	8021B	7636
LCS 880-7636/1-A	Lab Control Sample	Total/NA	Solid	8021B	7636
LCSD 880-7636/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7636
880-5786-A-26-D MS	Matrix Spike	Total/NA	Solid	8021B	7636
880-5786-A-26-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	7636

GC Semi VOA

Analysis Batch: 7493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-1	S1 (0-1')	Total/NA	Solid	8015B NM	7517
880-5784-2	S1 (1'-1.5')	Total/NA	Solid	8015B NM	7517
880-5784-3	S1 (2'-2.5')	Total/NA	Solid	8015B NM	7517
880-5784-4	S1 (3-3.5')	Total/NA	Solid	8015B NM	7517

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 7493 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-5	S1 (4'-4.5')	Total/NA	Solid	8015B NM	7517
880-5784-6	S2 (0-1')	Total/NA	Solid	8015B NM	7517
880-5784-7	S2 (1'-1.5')	Total/NA	Solid	8015B NM	7517
880-5784-8	S2 (2'-2.5')	Total/NA	Solid	8015B NM	7517
880-5784-9	S2 (3'-3.5')	Total/NA	Solid	8015B NM	7517
880-5784-10	S2 (4'-4.5')	Total/NA	Solid	8015B NM	7517
880-5784-11	S3 (0-1')	Total/NA	Solid	8015B NM	7517
880-5784-12	S3 (1'-1.5')	Total/NA	Solid	8015B NM	7517
880-5784-13	S3 (2'-2.5')	Total/NA	Solid	8015B NM	7517
880-5784-14	S3 (3'-3.5')	Total/NA	Solid	8015B NM	7517
880-5784-15	S3 (4'-4.5')	Total/NA	Solid	8015B NM	7517
880-5784-16	S4 (0-1')	Total/NA	Solid	8015B NM	7517
880-5784-17	S4 (1'-1.5')	Total/NA	Solid	8015B NM	7517
880-5784-18	S4 (2'-2.5')	Total/NA	Solid	8015B NM	7517
880-5784-19	S4 (3'-3.5')	Total/NA	Solid	8015B NM	7517
880-5784-20	S4 (4'-4.5')	Total/NA	Solid	8015B NM	7517
MB 880-7517/1-A	Method Blank	Total/NA	Solid	8015B NM	7517
LCS 880-7517/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7517
LCSD 880-7517/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7517
880-5784-2 MS	S1 (1'-1.5')	Total/NA	Solid	8015B NM	7517
880-5784-2 MSD	S1 (1'-1.5')	Total/NA	Solid	8015B NM	7517

Prep Batch: 7517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-1	S1 (0-1')	Total/NA	Solid	8015NM Prep	
880-5784-2	S1 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-5784-3	S1 (2'-2.5')	Total/NA	Solid	8015NM Prep	
880-5784-4	S1 (3'-3.5')	Total/NA	Solid	8015NM Prep	
880-5784-5	S1 (4'-4.5')	Total/NA	Solid	8015NM Prep	
880-5784-6	S2 (0-1')	Total/NA	Solid	8015NM Prep	
880-5784-7	S2 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-5784-8	S2 (2'-2.5')	Total/NA	Solid	8015NM Prep	
880-5784-9	S2 (3'-3.5')	Total/NA	Solid	8015NM Prep	
880-5784-10	S2 (4'-4.5')	Total/NA	Solid	8015NM Prep	
880-5784-11	S3 (0-1')	Total/NA	Solid	8015NM Prep	
880-5784-12	S3 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-5784-13	S3 (2'-2.5')	Total/NA	Solid	8015NM Prep	
880-5784-14	S3 (3'-3.5')	Total/NA	Solid	8015NM Prep	
880-5784-15	S3 (4'-4.5')	Total/NA	Solid	8015NM Prep	
880-5784-16	S4 (0-1')	Total/NA	Solid	8015NM Prep	
880-5784-17	S4 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-5784-18	S4 (2'-2.5')	Total/NA	Solid	8015NM Prep	
880-5784-19	S4 (3'-3.5')	Total/NA	Solid	8015NM Prep	
880-5784-20	S4 (4'-4.5')	Total/NA	Solid	8015NM Prep	
MB 880-7517/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7517/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7517/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5784-2 MS	S1 (1'-1.5')	Total/NA	Solid	8015NM Prep	
880-5784-2 MSD	S1 (1'-1.5')	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 7622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-6	S2 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-7622/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7622/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7622/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5804-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-5804-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 7630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-6	S2 (0-1')	Total/NA	Solid	8015B NM	7622
MB 880-7622/1-A	Method Blank	Total/NA	Solid	8015B NM	7622
LCS 880-7622/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7622
LCSD 880-7622/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7622
880-5804-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	7622
880-5804-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	7622

HPLC/IC

Leach Batch: 7513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-1	S1 (0-1')	Soluble	Solid	DI Leach	
880-5784-2	S1 (1'-1.5')	Soluble	Solid	DI Leach	
880-5784-3	S1 (2'-2.5')	Soluble	Solid	DI Leach	
880-5784-4	S1 (3-3.5')	Soluble	Solid	DI Leach	
880-5784-5	S1 (4'-4.5')	Soluble	Solid	DI Leach	
880-5784-6	S2 (0-1')	Soluble	Solid	DI Leach	
880-5784-7	S2 (1'-1.5')	Soluble	Solid	DI Leach	
880-5784-8	S2 (2'-2.5')	Soluble	Solid	DI Leach	
880-5784-9	S2 (3'-3.5')	Soluble	Solid	DI Leach	
880-5784-10	S2 (4'-4.5')	Soluble	Solid	DI Leach	
880-5784-11	S3 (0-1')	Soluble	Solid	DI Leach	
880-5784-12	S3 (1'-1.5')	Soluble	Solid	DI Leach	
880-5784-13	S3 (2'-2.5')	Soluble	Solid	DI Leach	
880-5784-14	S3 (3'-3.5')	Soluble	Solid	DI Leach	
880-5784-15	S3 (4'-4.5')	Soluble	Solid	DI Leach	
880-5784-16	S4 (0-1')	Soluble	Solid	DI Leach	
880-5784-17	S4 (1'-1.5')	Soluble	Solid	DI Leach	
880-5784-18	S4 (2'-2.5')	Soluble	Solid	DI Leach	
880-5784-19	S4 (3'-3.5')	Soluble	Solid	DI Leach	
880-5784-20	S4 (4'-4.5')	Soluble	Solid	DI Leach	
MB 880-7513/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-7513/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-7513/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5784-1 MS	S1 (0-1')	Soluble	Solid	DI Leach	
880-5784-1 MSD	S1 (0-1')	Soluble	Solid	DI Leach	
880-5784-11 MS	S3 (0-1')	Soluble	Solid	DI Leach	
880-5784-11 MSD	S3 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 7560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-1	S1 (0-1')	Soluble	Solid	300.0	7513

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 7560 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5784-2	S1 (1'-1.5')	Soluble	Solid	300.0	7513
880-5784-3	S1 (2'-2.5')	Soluble	Solid	300.0	7513
880-5784-4	S1 (3'-3.5')	Soluble	Solid	300.0	7513
880-5784-5	S1 (4'-4.5')	Soluble	Solid	300.0	7513
880-5784-6	S2 (0-1')	Soluble	Solid	300.0	7513
880-5784-7	S2 (1'-1.5')	Soluble	Solid	300.0	7513
880-5784-8	S2 (2'-2.5')	Soluble	Solid	300.0	7513
880-5784-9	S2 (3'-3.5')	Soluble	Solid	300.0	7513
880-5784-10	S2 (4'-4.5')	Soluble	Solid	300.0	7513
880-5784-11	S3 (0-1')	Soluble	Solid	300.0	7513
880-5784-12	S3 (1'-1.5')	Soluble	Solid	300.0	7513
880-5784-13	S3 (2'-2.5')	Soluble	Solid	300.0	7513
880-5784-14	S3 (3'-3.5')	Soluble	Solid	300.0	7513
880-5784-15	S3 (4'-4.5')	Soluble	Solid	300.0	7513
880-5784-16	S4 (0-1')	Soluble	Solid	300.0	7513
880-5784-17	S4 (1'-1.5')	Soluble	Solid	300.0	7513
880-5784-18	S4 (2'-2.5')	Soluble	Solid	300.0	7513
880-5784-19	S4 (3'-3.5')	Soluble	Solid	300.0	7513
880-5784-20	S4 (4'-4.5')	Soluble	Solid	300.0	7513
MB 880-7513/1-A	Method Blank	Soluble	Solid	300.0	7513
LCS 880-7513/2-A	Lab Control Sample	Soluble	Solid	300.0	7513
LCSD 880-7513/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	7513
880-5784-1 MS	S1 (0-1')	Soluble	Solid	300.0	7513
880-5784-1 MSD	S1 (0-1')	Soluble	Solid	300.0	7513
880-5784-11 MS	S3 (0-1')	Soluble	Solid	300.0	7513
880-5784-11 MSD	S3 (0-1')	Soluble	Solid	300.0	7513

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S1 (0-1')

Lab Sample ID: 880-5784-1

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7502	09/03/21 12:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 16:58	MR	XEN MID
Total/NA	Prep	5035			5.02 g	5 mL	7636	09/08/21 09:25	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	7637	09/08/21 13:11	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 17:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 10:45	SC	XEN MID

Client Sample ID: S1 (1'-1.5')

Lab Sample ID: 880-5784-2

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	7502	09/03/21 12:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 17:18	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 18:15	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 11:02	SC	XEN MID

Client Sample ID: S1 (2'-2.5')

Lab Sample ID: 880-5784-3

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7502	09/03/21 12:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 17:39	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 18:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 11:07	SC	XEN MID

Client Sample ID: S1 (3-3.5')

Lab Sample ID: 880-5784-4

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	7502	09/03/21 12:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 18:00	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 18:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 11:13	SC	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S1 (4'-4.5')

Lab Sample ID: 880-5784-5

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	7502	09/03/21 12:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 18:20	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 19:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 11:19	SC	XEN MID

Client Sample ID: S2 (0-1')

Lab Sample ID: 880-5784-6

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	7502	09/03/21 12:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 18:41	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 19:41	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7622	09/07/21 16:33	DM	XEN MID
Total/NA	Analysis	8015B NM		5			7630	09/08/21 16:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 13:13	SC	XEN MID

Client Sample ID: S2 (1'-1.5')

Lab Sample ID: 880-5784-7

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	7636	09/08/21 09:25	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	7637	09/08/21 13:31	MR	XEN MID
Total/NA	Prep	5035			4.96 g	5 mL	7607	09/07/21 12:48	MR	XEN MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	7606	09/08/21 15:51	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 20:03	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 13:18	SC	XEN MID

Client Sample ID: S2 (2'-2.5')

Lab Sample ID: 880-5784-8

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	7636	09/08/21 09:25	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	7637	09/08/21 13:51	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 20:24	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S2 (2'-2.5')

Lab Sample ID: 880-5784-8

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 13:24	SC	XEN MID

Client Sample ID: S2 (3'-3.5')

Lab Sample ID: 880-5784-9

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	7636	09/08/21 09:25	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	7637	09/08/21 14:12	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 20:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 13:30	SC	XEN MID

Client Sample ID: S2 (4'-4.5')

Lab Sample ID: 880-5784-10

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	7502	09/03/21 12:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 20:04	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 21:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 13:35	SC	XEN MID

Client Sample ID: S3 (0-1')

Lab Sample ID: 880-5784-11

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7502	09/03/21 12:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 21:26	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 21:48	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 13:41	SC	XEN MID

Client Sample ID: S3 (1'-1.5')

Lab Sample ID: 880-5784-12

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	7502	09/03/21 12:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 21:46	MR	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S3 (1'-1.5')

Lab Sample ID: 880-5784-12

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 22:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/07/21 13:58	SC	XEN MID

Client Sample ID: S3 (2'-2.5)

Lab Sample ID: 880-5784-13

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	7502	09/03/21 12:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 22:07	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 22:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/06/21 10:43	SC	XEN MID

Client Sample ID: S3 (3'-3.5')

Lab Sample ID: 880-5784-14

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	7502	09/03/21 12:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 22:27	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 22:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/06/21 10:48	SC	XEN MID

Client Sample ID: S3 (4'-4.5')

Lab Sample ID: 880-5784-15

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	7502	09/03/21 12:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 22:48	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 23:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/06/21 10:54	SC	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S4 (0-1')

Lab Sample ID: 880-5784-16

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	7502	09/03/21 12:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 23:09	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 23:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/06/21 10:59	SC	XEN MID

Client Sample ID: S4 (1'-1.5')

Lab Sample ID: 880-5784-17

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	7502	09/03/21 12:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 23:29	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/03/21 23:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/06/21 11:05	SC	XEN MID

Client Sample ID: S4 (2'-2.5')

Lab Sample ID: 880-5784-18

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7502	09/03/21 12:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/03/21 23:50	MR	XEN MID
Total/NA	Prep	5035			5.03 g	5 mL	7636	09/08/21 09:25	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	7637	09/08/21 14:32	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/04/21 00:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/06/21 11:11	SC	XEN MID

Client Sample ID: S4 (3'-3.5')

Lab Sample ID: 880-5784-19

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	7502	09/03/21 12:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/04/21 00:10	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/04/21 00:36	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/06/21 11:16	SC	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Client Sample ID: S4 (4'-4.5') Lab Sample ID: 880-5784-20
Date Collected: 09/02/21 00:00 Matrix: Solid
Date Received: 09/03/21 11:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	7502	09/03/21 12:22	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7505	09/04/21 00:31	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	7517	09/03/21 13:45	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7493	09/04/21 00:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	7513	09/03/21 13:21	SC	XEN MID
Soluble	Analysis	300.0		1			7560	09/06/21 11:22	SC	XEN MID

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, 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	06-30-22

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

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

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:

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

Eurofins Xenco, Midland

Sample Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5784-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5784-1	S1 (0-1')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-2	S1 (1'-1.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-3	S1 (2'-2.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-4	S1 (3'-3.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-5	S1 (4'-4.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-6	S2 (0-1')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-7	S2 (1'-1.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-8	S2 (2'-2.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-9	S2 (3'-3.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-10	S2 (4'-4.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-11	S3 (0-1')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-12	S3 (1'-1.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-13	S3 (2'-2.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-14	S3 (3'-3.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-15	S3 (4'-4.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-16	S4 (0-1')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-17	S4 (1'-1.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-18	S4 (2'-2.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-19	S4 (3'-3.5')	Solid	09/02/21 00:00	09/03/21 11:57
880-5784-20	S4 (4'-4.5')	Solid	09/02/21 00:00	09/03/21 11:57



Chain of Custody



880-5784 Chain of Custody

Page 1 of 2

Project Manager	Mike Carmona	Bill to (if different)	Todd Wells
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	Todd Wells@eogresources.com

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

Project Name	Jupiter 19 Fed Com #510 Flowline	Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number	214625	☐ Routine	☒ Rush	Pres. Code											None NO	DI Water H ₂ O	
Project Location	Lea Co. NM	Due Date	72 hrs												Cool Cool	MeOH Me	
Sampler's Name.	NH	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	NaOH Na	
SAMPLE RECEIPT		Temp Blank	Yes ☒ No ☐	Wet Ice	Yes ☒ No ☐	Thermometer ID									HOLD	H ₃ PO ₄ HP	
Received Intact.	Yes ☒ No ☐	Correction Factor														NaHSO ₄ NABIS	
Cooler Custody Seals.	Yes ☒ No ☐	Temperature Reading														Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals.	Yes ☒ No ☐	Corrected Temperature														Zn Acetate+NaOH Zn	
Total Containers																NaOH+Ascorbic Acid SAPC	

[illegible]

Additional Comments:

Notice: Signature of this document and relinquishment 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
		9.3.21			
		11.5.21			



Chain of Custody

Loc: 880
5784

Work Order No: _____

Page 2 of 2

Project Manager	Mike Carmona	Bill to (if different)	Todd Wells
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	Todd_Wells@eogresources.com

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

Project Name	Jupiter 19 Fed Com #510 Flowline	Turn Around	☐ Routine ☒ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number	214625	Due Date	72 hrs														None NO	DI Water H ₂ O	
Project Location	Lea Co, NM																Cool Cool	MeOH Me	
Sampler's Name	NH																HCL HC	HNO ₃ HN	
PO #:																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT	Temp Blank	Yes No	Wet Ice	Yes No													H ₃ PO ₄ HP		
Received Intact:	Yes No		Thermometer ID														NaHSO ₄ NABIS		
Cooler Custody Seals:	Yes No N/A		Correction Factor														Na ₂ S ₂ O ₃ NaSO ₃		
Sample Custody Seals:	Yes No N/A		Temperature Reading														Zn Acetate+NaOH Zn		
Total Containers:			Corrected Temperature:														NaOH+Ascorbic Acid SAPC		

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments							
S3 (0'-1')	9/2/2021	-	X	N/A	G	1	X	X	X															
S3 (1'-1.5')	9/2/2021	-	X	N/A	G	1	X	X	X															
S3 (2'-2.5')	9/2/2021	-	X	N/A	G	1	X	X	X															
S3 (3'-3.5')	9/2/2021	-	X	N/A	G	1	X	X	X															
S3 (4'-4.5')	9/2/2021	-	X	N/A	G	1	X	X	X															
S4 (0'-1')	9/2/2021	-	X	N/A	G	1	X	X	X															
S4 (1'-1.5')	9/2/2021	-	X	N/A	G	1	X	X	X															
S4 (2'-2.5')	9/2/2021	-	X	N/A	G	1	X	X	X															
S4 (3'-3.5')	9/2/2021	-	X	N/A	G	1	X	X	X															
S4 (4'-4.5')	9/2/2021	-	X	N/A	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 \$65.00 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					
2					
3					
4					
5					

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-5784-1

SDG Number: Lea Co, NM

Login Number: 5784

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, 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 time on COC, logged in per container labels.
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	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-5785-1

Laboratory Sample Delivery Group: Lea County, NM
Client Project/Site: Jupiter 19 Fed Com #510 Flowline

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:
9/8/2021 1:02:44 PM

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

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Laboratory Job ID: 880-5785-1
SDG: Lea County, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
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
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high 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: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

Job ID: 880-5785-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative
880-5785-1

Receipt

The samples were received on 9/3/2021 12:03 PM. 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 1.8°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-7511 and analytical batch 880-7614 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-7520/2-A) and (MB 880-7520/1-A). Evidence of matrix interferences is not obvious.

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: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-5785-1

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0709		0.00200		mg/Kg		09/03/21 12:30	09/03/21 20:23	1
Toluene	0.0698		0.00200		mg/Kg		09/03/21 12:30	09/03/21 20:23	1
Ethylbenzene	0.0670		0.00200		mg/Kg		09/03/21 12:30	09/03/21 20:23	1
m-Xylene & p-Xylene	0.135		0.00399		mg/Kg		09/03/21 12:30	09/03/21 20:23	1
o-Xylene	0.0697		0.00200		mg/Kg		09/03/21 12:30	09/03/21 20:23	1
Xylenes, Total	0.205		0.00399		mg/Kg		09/03/21 12:30	09/03/21 20:23	1
Total BTEX	0.412		0.00399		mg/Kg		09/03/21 12:30	09/03/21 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	09/03/21 12:30	09/03/21 20:23	1
1,4-Difluorobenzene (Surr)	105		70 - 130	09/03/21 12:30	09/03/21 20:23	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		09/03/21 15:57	09/04/21 12:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		09/03/21 15:57	09/04/21 12:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 15:57	09/04/21 12:35	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 15:57	09/04/21 12:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	09/03/21 15:57	09/04/21 12:35	1
o-Terphenyl	103		70 - 130	09/03/21 15:57	09/04/21 12:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.2		5.00		mg/Kg			09/05/21 03:59	1

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-5785-2

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0678		0.00199		mg/Kg		09/03/21 12:30	09/03/21 20:43	1
Toluene	0.0672		0.00199		mg/Kg		09/03/21 12:30	09/03/21 20:43	1
Ethylbenzene	0.0653		0.00199		mg/Kg		09/03/21 12:30	09/03/21 20:43	1
m-Xylene & p-Xylene	0.132		0.00398		mg/Kg		09/03/21 12:30	09/03/21 20:43	1
o-Xylene	0.0677		0.00199		mg/Kg		09/03/21 12:30	09/03/21 20:43	1
Xylenes, Total	0.200		0.00398		mg/Kg		09/03/21 12:30	09/03/21 20:43	1
Total BTEX	0.400		0.00398		mg/Kg		09/03/21 12:30	09/03/21 20:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	09/03/21 12:30	09/03/21 20:43	1
1,4-Difluorobenzene (Surr)	105		70 - 130	09/03/21 12:30	09/03/21 20:43	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		09/03/21 15:57	09/04/21 13:40	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-5785-2

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

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 *1	49.9		mg/Kg		09/03/21 15:57	09/04/21 13:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 15:57	09/04/21 13:40	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 15:57	09/04/21 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/03/21 15:57	09/04/21 13:40	1
o-Terphenyl	97		70 - 130				09/03/21 15:57	09/04/21 13:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.5		5.05		mg/Kg			09/05/21 04:16	1

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-5785-3

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

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		09/03/21 12:31	09/04/21 00:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/04/21 00:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/04/21 00:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/04/21 00:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/03/21 12:31	09/04/21 00:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/04/21 00:04	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		09/03/21 12:31	09/04/21 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				09/03/21 12:31	09/04/21 00:04	1
1,4-Difluorobenzene (Surr)	123		70 - 130				09/03/21 12:31	09/04/21 00:04	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		09/03/21 15:00	09/03/21 19:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/03/21 15:00	09/03/21 19:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/03/21 15:00	09/03/21 19:06	1
Total TPH	<49.9	U	49.9		mg/Kg		09/03/21 15:00	09/03/21 19:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				09/03/21 15:00	09/03/21 19:06	1
o-Terphenyl	119		70 - 130				09/03/21 15:00	09/03/21 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.4		4.97		mg/Kg			09/05/21 04:22	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-5785-4

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

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		09/03/21 12:31	09/04/21 00:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/04/21 00:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/04/21 00:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/03/21 12:31	09/04/21 00:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/04/21 00:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/03/21 12:31	09/04/21 00:24	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/03/21 12:31	09/04/21 00:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	09/03/21 12:31	09/04/21 00:24	1
1,4-Difluorobenzene (Surr)	104		70 - 130	09/03/21 12:31	09/04/21 00:24	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		09/03/21 15:00	09/03/21 19:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 15:00	09/03/21 19:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 15:00	09/03/21 19:27	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 15:00	09/03/21 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	09/03/21 15:00	09/03/21 19:27	1
o-Terphenyl	116		70 - 130	09/03/21 15:00	09/03/21 19:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.8		4.98		mg/Kg			09/05/21 04:27	1

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-5785-5

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

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		09/07/21 16:50	09/08/21 08:24	1
Toluene	<0.00200	U F2 F1	0.00200		mg/Kg		09/07/21 16:50	09/08/21 08:24	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		09/07/21 16:50	09/08/21 08:24	1
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.00399		mg/Kg		09/07/21 16:50	09/08/21 08:24	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		09/07/21 16:50	09/08/21 08:24	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		09/07/21 16:50	09/08/21 08:24	1
Total BTEX	<0.00399	U F2 F1	0.00399		mg/Kg		09/07/21 16:50	09/08/21 08:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130	09/07/21 16:50	09/08/21 08:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/07/21 16:50	09/08/21 08:24	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		09/03/21 15:00	09/03/21 19:48	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

Client Sample ID: H-5 (0-6")

Lab Sample ID: 880-5785-5

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

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		09/03/21 15:00	09/03/21 19:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/03/21 15:00	09/03/21 19:48	1
Total TPH	<49.8	U	49.8		mg/Kg		09/03/21 15:00	09/03/21 19:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				09/03/21 15:00	09/03/21 19:48	1
o-Terphenyl	113		70 - 130				09/03/21 15:00	09/03/21 19:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		4.95		mg/Kg			09/05/21 04:33	1

Client Sample ID: H-6 (0-6")

Lab Sample ID: 880-5785-6

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

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		09/07/21 16:50	09/08/21 08:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/07/21 16:50	09/08/21 08:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/07/21 16:50	09/08/21 08:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		09/07/21 16:50	09/08/21 08:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/07/21 16:50	09/08/21 08:44	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/07/21 16:50	09/08/21 08:44	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		09/07/21 16:50	09/08/21 08:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				09/07/21 16:50	09/08/21 08:44	1
1,4-Difluorobenzene (Surr)	82		70 - 130				09/07/21 16:50	09/08/21 08:44	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		09/03/21 15:00	09/03/21 20:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 15:00	09/03/21 20:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 15:00	09/03/21 20:09	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 15:00	09/03/21 20:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				09/03/21 15:00	09/03/21 20:09	1
o-Terphenyl	121		70 - 130				09/03/21 15:00	09/03/21 20:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.5		4.98		mg/Kg			09/05/21 04:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

Client Sample ID: H-7 (0-6")

Lab Sample ID: 880-5785-7

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

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		09/07/21 16:50	09/08/21 09:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/07/21 16:50	09/08/21 09:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/07/21 16:50	09/08/21 09:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/07/21 16:50	09/08/21 09:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/07/21 16:50	09/08/21 09:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/07/21 16:50	09/08/21 09:05	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		09/07/21 16:50	09/08/21 09:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	09/07/21 16:50	09/08/21 09:05	1
1,4-Difluorobenzene (Surr)	106		70 - 130	09/07/21 16:50	09/08/21 09:05	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		09/03/21 14:17	09/04/21 20:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 20:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 20:00	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	09/03/21 14:17	09/04/21 20:00	1
o-Terphenyl	106		70 - 130	09/03/21 14:17	09/04/21 20:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		25.2		mg/Kg			09/05/21 04:55	5

Client Sample ID: H-8 (0-6")

Lab Sample ID: 880-5785-8

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

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		09/07/21 16:50	09/08/21 09:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/07/21 16:50	09/08/21 09:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/07/21 16:50	09/08/21 09:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/07/21 16:50	09/08/21 09:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/07/21 16:50	09/08/21 09:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/07/21 16:50	09/08/21 09:25	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		09/07/21 16:50	09/08/21 09:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	09/07/21 16:50	09/08/21 09:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/07/21 16:50	09/08/21 09:25	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		09/03/21 14:17	09/04/21 20:21	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

Client Sample ID: H-8 (0-6")

Lab Sample ID: 880-5785-8

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

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		09/03/21 14:17	09/04/21 20:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 20:21	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	09/03/21 14:17	09/04/21 20:21	1
o-Terphenyl	116		70 - 130	09/03/21 14:17	09/04/21 20:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.4		5.01		mg/Kg			09/05/21 05:01	1

Surrogate Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
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)
880-5785-1	H-1 (0-6")	116	105
880-5785-2	H-2 (0-6")	117	105
880-5785-3	H-3 (0-6")	124	123
880-5785-4	H-4 (0-6")	111	104
880-5785-5	H-5 (0-6")	149 S1+	98
880-5785-5 MS	H-5 (0-6")	1630 S1+	1111 S1+
880-5785-5 MSD	H-5 (0-6")	105	77
880-5785-6	H-6 (0-6")	80	82
880-5785-7	H-7 (0-6")	114	106
880-5785-8	H-8 (0-6")	117	100
880-5786-A-21-A MS	Matrix Spike	122	94
880-5786-A-21-B MSD	Matrix Spike Duplicate	120	85
890-1211-A-1-A MS	Matrix Spike	101	108
890-1211-A-1-B MSD	Matrix Spike Duplicate	111	109
LCS 880-7477/1-A	Lab Control Sample	111	93
LCS 880-7508/1-A	Lab Control Sample	100	86
LCS 880-7511/1-A	Lab Control Sample	109	102
LCSD 880-7477/2-A	Lab Control Sample Dup	111	106
LCSD 880-7508/2-A	Lab Control Sample Dup	114	103
LCSD 880-7511/2-A	Lab Control Sample Dup	96	92
MB 880-7477/5-A	Method Blank	102	100
MB 880-7508/5-A	Method Blank	122	104
MB 880-7511/5-A	Method Blank	127	102
MB 880-7618/5-A	Method Blank	124	105
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)
880-5785-1	H-1 (0-6")	99	103
880-5785-1 MS	H-1 (0-6")	96	88
880-5785-1 MSD	H-1 (0-6")	96	95
880-5785-2	H-2 (0-6")	92	97
880-5785-3	H-3 (0-6")	112	119
880-5785-4	H-4 (0-6")	107	116
880-5785-5	H-5 (0-6")	108	113
880-5785-6	H-6 (0-6")	114	121
880-5785-7	H-7 (0-6")	97	106
880-5785-8	H-8 (0-6")	106	116
880-5786-A-21-F MS	Matrix Spike	90	91
880-5786-A-21-G MSD	Matrix Spike Duplicate	94	89
890-1211-A-1-E MS	Matrix Spike	101	99
890-1211-A-1-F MSD	Matrix Spike Duplicate	103	100
LCS 880-7495/2-A	Lab Control Sample	121	121

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global

Job ID: 880-5785-1

Project/Site: Jupiter 19 Fed Com #510 Flowline

SDG: Lea County, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCS 880-7520/2-A	Lab Control Sample	119	135 S1+
LCS 880-7524/2-A	Lab Control Sample	98	96
LCSD 880-7495/3-A	Lab Control Sample Dup	121	119
LCSD 880-7520/3-A	Lab Control Sample Dup	120	119
LCSD 880-7524/3-A	Lab Control Sample Dup	122	122
MB 880-7495/1-A	Method Blank	105	117
MB 880-7520/1-A	Method Blank	102	137 S1+
MB 880-7524/1-A	Method Blank	101	109
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-7477/5-A

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/21 09:33	09/03/21 12:52	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/03/21 09:33	09/03/21 12:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	09/03/21 09:33	09/03/21 12:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/03/21 09:33	09/03/21 12:52	1

Lab Sample ID: LCS 880-7477/1-A

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07447		mg/Kg		74	70 - 130
Toluene	0.100	0.07554		mg/Kg		76	70 - 130
Ethylbenzene	0.100	0.07775		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	0.200	0.1583		mg/Kg		79	70 - 130
o-Xylene	0.100	0.08045		mg/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-7477/2-A

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7477

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08330		mg/Kg		83	70 - 130	11	35
Toluene	0.100	0.08122		mg/Kg		81	70 - 130	7	35
Ethylbenzene	0.100	0.08397		mg/Kg		84	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1705		mg/Kg		85	70 - 130	7	35
o-Xylene	0.100	0.08705		mg/Kg		87	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-1211-A-1-A MS

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7477

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00201	U F1	0.100	0.04711	F1	mg/Kg		47	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

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

Lab Sample ID: 890-1211-A-1-A MS

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7477

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00201	U F1	0.100	0.03113	F1	mg/Kg		31	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.02073	F1	mg/Kg		21	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.04030	F1	mg/Kg		20	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.02125	F1	mg/Kg		21	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	108		70 - 130						

Lab Sample ID: 890-1211-A-1-B MSD

Matrix: Solid

Analysis Batch: 7486

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7477

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.101	0.04123	F1	mg/Kg		41	70 - 130	13	35
Toluene	<0.00201	U F1	0.101	0.03176	F1	mg/Kg		31	70 - 130	2	35
Ethylbenzene	<0.00201	U F1	0.101	0.01699	F1	mg/Kg		17	70 - 130	20	35
m-Xylene & p-Xylene	<0.00402	U F1	0.202	0.03229	F1	mg/Kg		16	70 - 130	22	35
o-Xylene	<0.00201	U F1	0.101	0.01492	F1	mg/Kg		15	70 - 130	35	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	111		70 - 130								
1,4-Difluorobenzene (Surr)	109		70 - 130								

Lab Sample ID: MB 880-7508/5-A

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/03/21 12:31	09/03/21 15:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				09/03/21 12:31	09/03/21 15:58	1
1,4-Difluorobenzene (Surr)	104		70 - 130				09/03/21 12:31	09/03/21 15:58	1

Lab Sample ID: LCS 880-7508/1-A

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7508

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1011		mg/Kg		101	70 - 130
Toluene	0.100	0.1096		mg/Kg		110	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

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

Lab Sample ID: LCS 880-7508/1-A

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7508

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.1054		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2013		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1027		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-7508/2-A

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7508

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1206		mg/Kg		121	70 - 130	18	35
Toluene	0.100	0.1089		mg/Kg		109	70 - 130	1	35
Ethylbenzene	0.100	0.1200		mg/Kg		120	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.2366		mg/Kg		118	70 - 130	16	35
o-Xylene	0.100	0.1203		mg/Kg		120	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-5786-A-21-A MS

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7508

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0998	0.09765		mg/Kg		98	70 - 130
Toluene	<0.00199	U	0.0998	0.09839		mg/Kg		99	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.1041		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1813		mg/Kg		91	70 - 130
o-Xylene	<0.00199	U	0.0998	0.1062		mg/Kg		106	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-5786-A-21-B MSD

Matrix: Solid

Analysis Batch: 7510

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7508

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00199	U	0.100	0.09138		mg/Kg		91	70 - 130	7	35
Toluene	<0.00199	U	0.100	0.1023		mg/Kg		102	70 - 130	4	35
Ethylbenzene	<0.00199	U	0.100	0.1063		mg/Kg		106	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2067		mg/Kg		103	70 - 130	13	35
o-Xylene	<0.00199	U	0.100	0.1083		mg/Kg		107	70 - 130	2	35

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

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

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: MB 880-7511/5-A

Matrix: Solid

Analysis Batch: 7614

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7511

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/07/21 16:50	09/08/21 07:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/07/21 16:50	09/08/21 07:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/07/21 16:50	09/08/21 07:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/07/21 16:50	09/08/21 07:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/07/21 16:50	09/08/21 07:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/07/21 16:50	09/08/21 07:55	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/07/21 16:50	09/08/21 07:55	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				09/07/21 16:50	09/08/21 07:55	1
1,4-Difluorobenzene (Surr)	102		70 - 130				09/07/21 16:50	09/08/21 07:55	1

Lab Sample ID: LCS 880-7511/1-A

Matrix: Solid

Analysis Batch: 7614

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7511

	Spike	LCS	LCS						
Analyte	Added	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits	
Benzene	0.100	0.07440		mg/Kg		74		70 - 130	
Toluene	0.100	0.08795		mg/Kg		88		70 - 130	
Ethylbenzene	0.100	0.09811		mg/Kg		98		70 - 130	
m-Xylene & p-Xylene	0.200	0.1761		mg/Kg		88		70 - 130	
o-Xylene	0.100	0.09140		mg/Kg		91		70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-7511/2-A

Matrix: Solid

Analysis Batch: 7614

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7511

	Spike	LCSD	LCSD							
Analyte	Added	Result	Qualifier	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
Benzene	0.100	0.07529		mg/Kg		75		70 - 130	1	35
Toluene	0.100	0.08167		mg/Kg		82		70 - 130	7	35
Ethylbenzene	0.100	0.08775		mg/Kg		88		70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1568		mg/Kg		78		70 - 130	12	35
o-Xylene	0.100	0.08142		mg/Kg		81		70 - 130	12	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

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

Lab Sample ID: 880-5785-5 MS

Matrix: Solid

Analysis Batch: 7614

Client Sample ID: H-5 (0-6")

Prep Type: Total/NA

Prep Batch: 7511

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	1630	S1+	70 - 130
1,4-Difluorobenzene (Surr)	1111	S1+	70 - 130

Lab Sample ID: 880-5785-5 MSD

Matrix: Solid

Analysis Batch: 7614

Client Sample ID: H-5 (0-6")

Prep Type: Total/NA

Prep Batch: 7511

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	0.100	0.01275	F2 F1	mg/Kg		13	70 - 130	196	35
Toluene	<0.00200	U F2 F1	0.100	0.01159	F2 F1	mg/Kg		12	70 - 130	197	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.01136	F2 F1	mg/Kg		11	70 - 130	195	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.02335	F2 F1	mg/Kg		12	70 - 130	193	35
o-Xylene	<0.00200	U F2 F1	0.100	0.02591	F2 F1	mg/Kg		26	70 - 130	177	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: MB 880-7618/5-A

Matrix: Solid

Analysis Batch: 7614

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7618

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/07/21 15:46	09/07/21 20:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/07/21 15:46	09/07/21 20:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/07/21 15:46	09/07/21 20:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/07/21 15:46	09/07/21 20:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/07/21 15:46	09/07/21 20:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/07/21 15:46	09/07/21 20:21	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		09/07/21 15:46	09/07/21 20:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	09/07/21 15:46	09/07/21 20:21	1
1,4-Difluorobenzene (Surr)	105		70 - 130	09/07/21 15:46	09/07/21 20:21	1

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

Lab Sample ID: MB 880-7495/1-A

Matrix: Solid

Analysis Batch: 7482

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7495

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		09/03/21 11:10	09/03/21 11:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 11:10	09/03/21 11:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 11:10	09/03/21 11:16	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 11:10	09/03/21 11:16	1

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

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

Lab Sample ID: MB 880-7495/1-A

Matrix: Solid

Analysis Batch: 7482

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7495

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	105		70 - 130	09/03/21 11:10	09/03/21 11:16	1				
o-Terphenyl	117		70 - 130	09/03/21 11:10	09/03/21 11:16	1				

Lab Sample ID: LCS 880-7495/2-A

Matrix: Solid

Analysis Batch: 7482

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7495

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1025		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1002		mg/Kg		100	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	121		70 - 130								
o-Terphenyl	121		70 - 130								

Lab Sample ID: LCSD 880-7495/3-A

Matrix: Solid

Analysis Batch: 7482

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7495

			Spike	LCSD	LCSD				%Rec.		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1020		mg/Kg		102	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)			1000	977.2		mg/Kg		98	70 - 130	3	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	121		70 - 130									
o-Terphenyl	119		70 - 130									

Lab Sample ID: 890-1211-A-1-E MS

Matrix: Solid

Analysis Batch: 7482

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7495

	Sample	Sample	Spike	MS	MS				%Rec.			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	940.1		mg/Kg		93	70 - 130			
Diesel Range Organics (Over C10-C28)	50.7		995	924.2		mg/Kg		88	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	101		70 - 130									
o-Terphenyl	99		70 - 130									

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

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

Lab Sample ID: 890-1211-A-1-F MSD

Matrix: Solid

Analysis Batch: 7482

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7495

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	974.1		mg/Kg		96	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	50.7		998	948.3		mg/Kg		90	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	100		70 - 130								

Lab Sample ID: MB 880-7520/1-A

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7520

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		09/03/21 14:17	09/04/21 11:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 11:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 11:31	1
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 14:17	09/04/21 11:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/03/21 14:17	09/04/21 11:31	1
o-Terphenyl	137	S1+	70 - 130				09/03/21 14:17	09/04/21 11:31	1

Lab Sample ID: LCS 880-7520/2-A

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7520

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	823.1		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1054		mg/Kg		105	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	119		70 - 130						
o-Terphenyl	135	S1+	70 - 130						

Lab Sample ID: LCSD 880-7520/3-A

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7520

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	867.7		mg/Kg		87	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	967.6		mg/Kg		97	70 - 130	9	20

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

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

Lab Sample ID: LCSD 880-7520/3-A

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7520

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 880-5786-A-21-F MS

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 7520

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	784.4		mg/Kg		79	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	995	814.5		mg/Kg		82	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	90		70 - 130							
o-Terphenyl	91		70 - 130							

Lab Sample ID: 880-5786-A-21-G MSD

Matrix: Solid

Analysis Batch: 7535

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 7520

	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	<50.0	U	998	837.3		mg/Kg		84	70 - 130	7	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	822.0		mg/Kg		82	70 - 130	1	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	94		70 - 130									
o-Terphenyl	89		70 - 130									

Lab Sample ID: MB 880-7524/1-A

Matrix: Solid

Analysis Batch: 7537

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 7524

	MB	MB									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/03/21 15:57	09/04/21 11:31	1		
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/03/21 15:57	09/04/21 11:31	1		
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/03/21 15:57	09/04/21 11:31	1		
Total TPH	<50.0	U	50.0		mg/Kg		09/03/21 15:57	09/04/21 11:31	1		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac		
1-Chlorooctane	101		70 - 130				09/03/21 15:57	09/04/21 11:31	1		
o-Terphenyl	109		70 - 130				09/03/21 15:57	09/04/21 11:31	1		

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

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

Lab Sample ID: LCS 880-7524/2-A

Matrix: Solid

Analysis Batch: 7537

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 7524

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	732.8		mg/Kg		73	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	834.6		mg/Kg		83	70 - 130		
Surrogate	LCS		Limits								
	%Recovery	Qualifier									
1-Chlorooctane	98		70 - 130								
o-Terphenyl	96		70 - 130								

Lab Sample ID: LCSD 880-7524/3-A

Matrix: Solid

Analysis Batch: 7537

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 7524

Table 1: LCSD Data											
Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	893.4		mg/Kg		89	70 - 130	20	20
Diesel Range Organics (Over C10-C28)			1000	1081	*1	mg/Kg		108	70 - 130	26	20
Table 2: LCSD Data											
Surrogate	LCSD	LCSD	Limits								
	%Recovery	Qualifier									
1-Chlorooctane	122		70 - 130								
o-Terphenyl	122		70 - 130								

Lab Sample ID: 880-5785-1 MS

Matrix: Solid

Analysis Batch: 7537

Client Sample ID: H-1 (0-6")

Prep Type: Total/NA

Prep Batch: 7524

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	893.7		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U *1	995	969.9		mg/Kg		97	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: 880-5785-1 MSD

Matrix: Solid

Analysis Batch: 7537

Client Sample ID: H-1 (0-6")

Prep Type: Total/NA

Prep Batch: 7524

	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	<50.0	U	998	853.6		mg/Kg		86	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	998	1040		mg/Kg		104	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	96		70 - 130								

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

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

Lab Sample ID: 880-5785-1 MSD

Matrix: Solid

Analysis Batch: 7537

Client Sample ID: H-1 (0-6")

Prep Type: Total/NA

Prep Batch: 7524

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	95		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-7514/1-A

Matrix: Solid

Analysis Batch: 7561

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			09/05/21 03:42	1	

Lab Sample ID: LCS 880-7514/2-A

Matrix: Solid

Analysis Batch: 7561

Client Sample ID: Lab Control Sample

Prep Type: Soluble

			Spike	LCS	LCS				%Rec.	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride			250	256.4		mg/Kg		103	90 - 110	

Lab Sample ID: LCSD 880-7514/3-A

Matrix: Solid

Analysis Batch: 7561

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

			Spike	LCSD	LCSD				%Rec.		RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride			250	257.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-5785-1 MS

Matrix: Solid

Analysis Batch: 7561

Client Sample ID: H-1 (0-6")

Prep Type: Soluble

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	22.2		250	276.9		mg/Kg		102	90 - 110		

Lab Sample ID: 880-5785-1 MSD

Matrix: Solid

Analysis Batch: 7561

Client Sample ID: H-1 (0-6")

Prep Type: Soluble

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	22.2		250	277.8		mg/Kg		102	90 - 110	0	20

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

GC VOA

Prep Batch: 7477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-1	H-1 (0-6")	Total/NA	Solid	5035	
880-5785-2	H-2 (0-6")	Total/NA	Solid	5035	
MB 880-7477/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7477/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7477/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1211-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-1211-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 7486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-1	H-1 (0-6")	Total/NA	Solid	8021B	7477
880-5785-2	H-2 (0-6")	Total/NA	Solid	8021B	7477
MB 880-7477/5-A	Method Blank	Total/NA	Solid	8021B	7477
LCS 880-7477/1-A	Lab Control Sample	Total/NA	Solid	8021B	7477
LCSD 880-7477/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7477
890-1211-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	7477
890-1211-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	7477

Prep Batch: 7508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-3	H-3 (0-6")	Total/NA	Solid	5035	
880-5785-4	H-4 (0-6")	Total/NA	Solid	5035	
MB 880-7508/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7508/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7508/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5786-A-21-A MS	Matrix Spike	Total/NA	Solid	5035	
880-5786-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 7510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-3	H-3 (0-6")	Total/NA	Solid	8021B	7508
880-5785-4	H-4 (0-6")	Total/NA	Solid	8021B	7508
MB 880-7508/5-A	Method Blank	Total/NA	Solid	8021B	7508
LCS 880-7508/1-A	Lab Control Sample	Total/NA	Solid	8021B	7508
LCSD 880-7508/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7508
880-5786-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	7508
880-5786-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	7508

Prep Batch: 7511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-5	H-5 (0-6")	Total/NA	Solid	5035	
880-5785-6	H-6 (0-6")	Total/NA	Solid	5035	
880-5785-7	H-7 (0-6")	Total/NA	Solid	5035	
880-5785-8	H-8 (0-6")	Total/NA	Solid	5035	
MB 880-7511/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-7511/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-7511/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5785-5 MS	H-5 (0-6")	Total/NA	Solid	5035	
880-5785-5 MSD	H-5 (0-6")	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

GC VOA

Analysis Batch: 7614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-5	H-5 (0-6")	Total/NA	Solid	8021B	7511
880-5785-6	H-6 (0-6")	Total/NA	Solid	8021B	7511
880-5785-7	H-7 (0-6")	Total/NA	Solid	8021B	7511
880-5785-8	H-8 (0-6")	Total/NA	Solid	8021B	7511
MB 880-7511/5-A	Method Blank	Total/NA	Solid	8021B	7511
MB 880-7618/5-A	Method Blank	Total/NA	Solid	8021B	7618
LCS 880-7511/1-A	Lab Control Sample	Total/NA	Solid	8021B	7511
LCSD 880-7511/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	7511
880-5785-5 MS	H-5 (0-6")	Total/NA	Solid	8021B	7511
880-5785-5 MSD	H-5 (0-6")	Total/NA	Solid	8021B	7511

Prep Batch: 7618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-7618/5-A	Method Blank	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 7482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-3	H-3 (0-6")	Total/NA	Solid	8015B NM	7495
880-5785-4	H-4 (0-6")	Total/NA	Solid	8015B NM	7495
880-5785-5	H-5 (0-6")	Total/NA	Solid	8015B NM	7495
880-5785-6	H-6 (0-6")	Total/NA	Solid	8015B NM	7495
MB 880-7495/1-A	Method Blank	Total/NA	Solid	8015B NM	7495
LCS 880-7495/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7495
LCSD 880-7495/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7495
890-1211-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	7495
890-1211-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	7495

Prep Batch: 7495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-3	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
880-5785-4	H-4 (0-6")	Total/NA	Solid	8015NM Prep	
880-5785-5	H-5 (0-6")	Total/NA	Solid	8015NM Prep	
880-5785-6	H-6 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-7495/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7495/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7495/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1211-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1211-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 7520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-7	H-7 (0-6")	Total/NA	Solid	8015NM Prep	
880-5785-8	H-8 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-7520/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7520/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7520/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5786-A-21-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-5786-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

GC Semi VOA

Prep Batch: 7524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-1	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-5785-2	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-7524/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-7524/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-7524/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5785-1 MS	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-5785-1 MSD	H-1 (0-6")	Total/NA	Solid	8015NM Prep	

Analysis Batch: 7535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-7	H-7 (0-6")	Total/NA	Solid	8015B NM	7520
880-5785-8	H-8 (0-6")	Total/NA	Solid	8015B NM	7520
MB 880-7520/1-A	Method Blank	Total/NA	Solid	8015B NM	7520
LCS 880-7520/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7520
LCSD 880-7520/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7520
880-5786-A-21-F MS	Matrix Spike	Total/NA	Solid	8015B NM	7520
880-5786-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	7520

Analysis Batch: 7537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-1	H-1 (0-6")	Total/NA	Solid	8015B NM	7524
880-5785-2	H-2 (0-6")	Total/NA	Solid	8015B NM	7524
MB 880-7524/1-A	Method Blank	Total/NA	Solid	8015B NM	7524
LCS 880-7524/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	7524
LCSD 880-7524/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	7524
880-5785-1 MS	H-1 (0-6")	Total/NA	Solid	8015B NM	7524
880-5785-1 MSD	H-1 (0-6")	Total/NA	Solid	8015B NM	7524

HPLC/IC

Leach Batch: 7514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-1	H-1 (0-6")	Soluble	Solid	DI Leach	
880-5785-2	H-2 (0-6")	Soluble	Solid	DI Leach	
880-5785-3	H-3 (0-6")	Soluble	Solid	DI Leach	
880-5785-4	H-4 (0-6")	Soluble	Solid	DI Leach	
880-5785-5	H-5 (0-6")	Soluble	Solid	DI Leach	
880-5785-6	H-6 (0-6")	Soluble	Solid	DI Leach	
880-5785-7	H-7 (0-6")	Soluble	Solid	DI Leach	
880-5785-8	H-8 (0-6")	Soluble	Solid	DI Leach	
MB 880-7514/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-7514/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-7514/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5785-1 MS	H-1 (0-6")	Soluble	Solid	DI Leach	
880-5785-1 MSD	H-1 (0-6")	Soluble	Solid	DI Leach	

Analysis Batch: 7561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-1	H-1 (0-6")	Soluble	Solid	300.0	7514
880-5785-2	H-2 (0-6")	Soluble	Solid	300.0	7514
880-5785-3	H-3 (0-6")	Soluble	Solid	300.0	7514

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

HPLC/IC (Continued)

Analysis Batch: 7561 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5785-4	H-4 (0-6")	Soluble	Solid	300.0	7514
880-5785-5	H-5 (0-6")	Soluble	Solid	300.0	7514
880-5785-6	H-6 (0-6")	Soluble	Solid	300.0	7514
880-5785-7	H-7 (0-6")	Soluble	Solid	300.0	7514
880-5785-8	H-8 (0-6")	Soluble	Solid	300.0	7514
MB 880-7514/1-A	Method Blank	Soluble	Solid	300.0	7514
LCS 880-7514/2-A	Lab Control Sample	Soluble	Solid	300.0	7514
LCSD 880-7514/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	7514
880-5785-1 MS	H-1 (0-6")	Soluble	Solid	300.0	7514
880-5785-1 MSD	H-1 (0-6")	Soluble	Solid	300.0	7514

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

Client Sample ID: H-1 (0-6")

Lab Sample ID: 880-5785-1

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7477	09/03/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/03/21 20:23	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7524	09/03/21 15:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7537	09/04/21 12:35	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	7514	09/03/21 13:23	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 03:59	CH	XEN MID

Client Sample ID: H-2 (0-6")

Lab Sample ID: 880-5785-2

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	7477	09/03/21 12:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7486	09/03/21 20:43	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7524	09/03/21 15:57	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7537	09/04/21 13:40	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	7514	09/03/21 13:23	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 04:16	CH	XEN MID

Client Sample ID: H-3 (0-6")

Lab Sample ID: 880-5785-3

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/04/21 00:04	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	7495	09/03/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7482	09/03/21 19:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	7514	09/03/21 13:23	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 04:22	CH	XEN MID

Client Sample ID: H-4 (0-6")

Lab Sample ID: 880-5785-4

Date Collected: 09/02/21 00:00

Matrix: Solid

Date Received: 09/03/21 12:03

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7508	09/03/21 12:31	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7510	09/04/21 00:24	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7495	09/03/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7482	09/03/21 19:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	7514	09/03/21 13:23	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 04:27	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

Client Sample ID: H-5 (0-6")

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:03

Lab Sample ID: 880-5785-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7511	09/07/21 16:50	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7614	09/08/21 08:24	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	7495	09/03/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7482	09/03/21 19:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	7514	09/03/21 13:23	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 04:33	CH	XEN MID

Client Sample ID: H-6 (0-6")

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:03

Lab Sample ID: 880-5785-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	7511	09/07/21 16:50	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7614	09/08/21 08:44	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7495	09/03/21 15:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7482	09/03/21 20:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 04:50	CH	XEN MID

Client Sample ID: H-7 (0-6")

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:03

Lab Sample ID: 880-5785-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	7511	09/07/21 16:50	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7614	09/08/21 09:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 20:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		5			7561	09/05/21 04:55	CH	XEN MID

Client Sample ID: H-8 (0-6")

Date Collected: 09/02/21 00:00

Date Received: 09/03/21 12:03

Lab Sample ID: 880-5785-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	7511	09/07/21 16:50	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	7614	09/08/21 09:25	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	7520	09/03/21 14:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			7535	09/04/21 20:21	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	7514	09/03/21 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			7561	09/05/21 05:01	CH	XEN MID

Laboratory References:

XEN MID = 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: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
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	06-30-22

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-5785-1
SDG: Lea County, NM

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

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:

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

Eurofins Xenco, Midland

Sample Summary

Client: NT Global

Job ID: 880-5785-1

Project/Site: Jupiter 19 Fed Com #510 Flowline

SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5785-1	H-1 (0-6")	Solid	09/02/21 00:00	09/03/21 12:03
880-5785-2	H-2 (0-6")	Solid	09/02/21 00:00	09/03/21 12:03
880-5785-3	H-3 (0-6")	Solid	09/02/21 00:00	09/03/21 12:03
880-5785-4	H-4 (0-6")	Solid	09/02/21 00:00	09/03/21 12:03
880-5785-5	H-5 (0-6")	Solid	09/02/21 00:00	09/03/21 12:03
880-5785-6	H-6 (0-6")	Solid	09/02/21 00:00	09/03/21 12:03
880-5785-7	H-7 (0-6")	Solid	09/02/21 00:00	09/03/21 12:03
880-5785-8	H-8 (0-6")	Solid	09/02/21 00:00	09/03/21 12:03



Chain of Custody



880-5785 Chain of Custody

Project Manager	Mike Cammona	Bill to (if different)	Todd Wells
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	Todd.Wells@eogresources.com

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

[illegible]

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-5785-1

SDG Number: Lea County, NM

Login Number: 5785

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, 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 time on COC, logged in per container labels.
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	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-6748-1

Laboratory Sample Delivery Group: Lea Co, NM
Client Project/Site: Jupiter 19 Fed Com #510 Flowline

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:
10/6/2021 4:03:11 PM

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

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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: Jupiter 19 Fed Com #510 Flowline

Laboratory Job ID: 880-6748-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Qualifiers

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high 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: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Job ID: 880-6748-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-6748-1****Receipt**

The samples were received on 10/1/2021 4:16 PM. 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 1.3°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-8803 and analytical batch 880-8886 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-8800 and analytical batch 880-8885 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-2 (1.5') (880-6748-2), CS-6 (3.5') (880-6748-6), CS-7 (3.5') (880-6748-7), CS-8 (3.5') (880-6748-8), SW-1 (880-6748-9) and (880-6736-A-61-F). Evidence of matrix interferences is not obvious.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-8 (3.5') (880-6748-8) and SW-4 (880-6748-12). Evidence of matrix interferences is not obvious.

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: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-6748-1

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:33	10/05/21 16:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/04/21 13:33	10/05/21 16:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/04/21 13:33	10/05/21 16:52	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/04/21 13:33	10/05/21 16:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/04/21 13:33	10/05/21 16:52	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/04/21 13:33	10/05/21 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	10/04/21 13:33	10/05/21 16:52	1
1,4-Difluorobenzene (Surr)	84		70 - 130	10/04/21 13:33	10/05/21 16:52	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	49.9		mg/Kg		10/04/21 11:22	10/04/21 22:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/04/21 22:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/04/21 22:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	10/04/21 11:22	10/04/21 22:34	1
o-Terphenyl	107		70 - 130	10/04/21 11:22	10/04/21 22:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.0		5.02		mg/Kg			10/06/21 03:04	1

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-6748-2

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:33	10/05/21 17:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:33	10/05/21 17:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:33	10/05/21 17:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/21 13:33	10/05/21 17:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:33	10/05/21 17:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/21 13:33	10/05/21 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	10/04/21 13:33	10/05/21 17:12	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/04/21 13:33	10/05/21 17:12	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-6748-2

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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		10/04/21 11:22	10/04/21 23:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/04/21 23:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/04/21 23:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				10/04/21 11:22	10/04/21 23:38	1
o-Terphenyl	119		70 - 130				10/04/21 11:22	10/04/21 23:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.4		4.99		mg/Kg			10/06/21 03:10	1

Client Sample ID: CS- 3(1.5')

Lab Sample ID: 880-6748-3

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:33	10/05/21 17:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 17:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 17:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/21 13:33	10/05/21 17:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 17:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/21 13:33	10/05/21 17:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				10/04/21 13:33	10/05/21 17:33	1
1,4-Difluorobenzene (Surr)	80		70 - 130				10/04/21 13:33	10/05/21 17:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	49.9		mg/Kg		10/04/21 11:22	10/04/21 23:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/04/21 23:59	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: CS- 3(1.5')

Lab Sample ID: 880-6748-3

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/04/21 23:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/04/21 11:22	10/04/21 23:59	1
o-Terphenyl	118		70 - 130				10/04/21 11:22	10/04/21 23:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.7		5.05		mg/Kg			10/06/21 03:27	1

Client Sample ID: CS-4 (3.5')

Lab Sample ID: 880-6748-4

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:33	10/05/21 17:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/04/21 13:33	10/05/21 17:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/04/21 13:33	10/05/21 17:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/04/21 13:33	10/05/21 17:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/04/21 13:33	10/05/21 17:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/04/21 13:33	10/05/21 17:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				10/04/21 13:33	10/05/21 17:53	1
1,4-Difluorobenzene (Surr)	81		70 - 130				10/04/21 13:33	10/05/21 17:53	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 00:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 00:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 00:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/04/21 11:22	10/05/21 00:20	1
o-Terphenyl	128		70 - 130				10/04/21 11:22	10/05/21 00:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		4.97		mg/Kg			10/06/21 03:32	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: CS-5 (3.5')

Lab Sample ID: 880-6748-5

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:33	10/05/21 18:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 18:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 18:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/21 13:33	10/05/21 18:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 18:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/21 13:33	10/05/21 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	10/04/21 13:33	10/05/21 18:14	1
1,4-Difluorobenzene (Surr)	80		70 - 130	10/04/21 13:33	10/05/21 18:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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		10/04/21 11:22	10/05/21 00:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/05/21 00:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/05/21 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	10/04/21 11:22	10/05/21 00:41	1
o-Terphenyl	124		70 - 130	10/04/21 11:22	10/05/21 00:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		4.95		mg/Kg			10/06/21 03:49	1

Client Sample ID: CS-6 (3.5')

Lab Sample ID: 880-6748-6

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:33	10/05/21 18:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:33	10/05/21 18:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:33	10/05/21 18:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/21 13:33	10/05/21 18:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:33	10/05/21 18:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/21 13:33	10/05/21 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	10/04/21 13:33	10/05/21 18:34	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/04/21 13:33	10/05/21 18:34	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: CS-6 (3.5')

Lab Sample ID: 880-6748-6

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	49.9		mg/Kg		10/04/21 11:22	10/05/21 01:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 01:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 01:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				10/04/21 11:22	10/05/21 01:02	1
o-Terphenyl	126		70 - 130				10/04/21 11:22	10/05/21 01:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		4.95		mg/Kg			10/06/21 03:55	1

Client Sample ID: CS-7 (3.5')

Lab Sample ID: 880-6748-7

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:33	10/05/21 18:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:33	10/05/21 18:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:33	10/05/21 18:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/21 13:33	10/05/21 18:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:33	10/05/21 18:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/21 13:33	10/05/21 18:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130				10/04/21 13:33	10/05/21 18:55	1
1,4-Difluorobenzene (Surr)	61	S1-	70 - 130				10/04/21 13:33	10/05/21 18:55	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 01:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 01:23	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (3.5')

Lab Sample ID: 880-6748-7

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				10/04/21 11:22	10/05/21 01:23	1
o-Terphenyl	130		70 - 130				10/04/21 11:22	10/05/21 01:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.7		4.99		mg/Kg			10/06/21 04:00	1

Client Sample ID: CS-8 (3.5')

Lab Sample ID: 880-6748-8

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:33	10/05/21 19:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:33	10/05/21 19:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:33	10/05/21 19:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/21 13:33	10/05/21 19:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:33	10/05/21 19:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/21 13:33	10/05/21 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130				10/04/21 13:33	10/05/21 19:15	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/04/21 13:33	10/05/21 19:15	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 01:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 01:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 01:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				10/04/21 11:22	10/05/21 01:44	1
o-Terphenyl	135	S1+	70 - 130				10/04/21 11:22	10/05/21 01:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.0		4.97		mg/Kg			10/06/21 04:06	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-1

Lab Sample ID: 880-6748-9

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:33	10/05/21 19:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 19:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 19:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/21 13:33	10/05/21 19:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 19:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/21 13:33	10/05/21 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	10/04/21 13:33	10/05/21 19:35	1
1,4-Difluorobenzene (Surr)	80		70 - 130	10/04/21 13:33	10/05/21 19:35	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	49.9		mg/Kg		10/04/21 11:22	10/05/21 02:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 02:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	10/04/21 11:22	10/05/21 02:06	1
o-Terphenyl	114		70 - 130	10/04/21 11:22	10/05/21 02:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		4.96		mg/Kg			10/06/21 04:11	1

Client Sample ID: SW-2

Lab Sample ID: 880-6748-10

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:33	10/05/21 19:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 19:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 19:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/21 13:33	10/05/21 19:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/21 13:33	10/05/21 19:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/21 13:33	10/05/21 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	10/04/21 13:33	10/05/21 19:56	1
1,4-Difluorobenzene (Surr)	78		70 - 130	10/04/21 13:33	10/05/21 19:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-2

Lab Sample ID: 880-6748-10

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.0		50.0		mg/Kg			10/05/21 10:19	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	60.0		49.9		mg/Kg		10/04/21 11:22	10/05/21 02:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 02:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 02:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				10/04/21 11:22	10/05/21 02:27	1
o-Terphenyl	121		70 - 130				10/04/21 11:22	10/05/21 02:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.7		4.98		mg/Kg			10/06/21 04:17	1

Client Sample ID: SW-3

Lab Sample ID: 880-6748-11

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:27	1
m-Xylene & p-Xylene	<0.00401	U F1	0.00401		mg/Kg		10/04/21 13:37	10/05/21 12:27	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:27	1
Xylenes, Total	<0.00401	U F1	0.00401		mg/Kg		10/04/21 13:37	10/05/21 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				10/04/21 13:37	10/05/21 12:27	1
1,4-Difluorobenzene (Surr)	111		70 - 130				10/04/21 13:37	10/05/21 12:27	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 03:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 03:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-3

Lab Sample ID: 880-6748-11

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/04/21 11:22	10/05/21 03:11	1
o-Terphenyl	122		70 - 130				10/04/21 11:22	10/05/21 03:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.8		4.95		mg/Kg			10/06/21 08:00	1

Client Sample ID: SW-4

Lab Sample ID: 880-6748-12

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:37	10/05/21 12:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/21 13:37	10/05/21 12:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/21 13:37	10/05/21 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				10/04/21 13:37	10/05/21 12:48	1
1,4-Difluorobenzene (Surr)	110		70 - 130				10/04/21 13:37	10/05/21 12:48	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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		10/04/21 11:22	10/05/21 03:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/05/21 03:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/05/21 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				10/04/21 11:22	10/05/21 03:32	1
o-Terphenyl	134	S1+	70 - 130				10/04/21 11:22	10/05/21 03:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.6		4.97		mg/Kg			10/06/21 13:36	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-5

Lab Sample ID: 880-6748-13

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:37	10/05/21 13:09	1
Toluene	0.00252		0.00200		mg/Kg		10/04/21 13:37	10/05/21 13:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 13:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/21 13:37	10/05/21 13:09	1
o-Xylene	0.00290		0.00200		mg/Kg		10/04/21 13:37	10/05/21 13:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/21 13:37	10/05/21 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	10/04/21 13:37	10/05/21 13:09	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/04/21 13:37	10/05/21 13:09	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00542		0.00200		mg/Kg			10/05/21 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	49.9		mg/Kg		10/04/21 11:22	10/05/21 03:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 03:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/04/21 11:22	10/05/21 03:53	1
o-Terphenyl	128		70 - 130				10/04/21 11:22	10/05/21 03:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		4.95		mg/Kg			10/06/21 13:53	1

Client Sample ID: SW-6

Lab Sample ID: 880-6748-14

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:37	10/05/21 13:29	1
Toluene	0.00205		0.00202		mg/Kg		10/04/21 13:37	10/05/21 13:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/04/21 13:37	10/05/21 13:29	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/04/21 13:37	10/05/21 13:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/04/21 13:37	10/05/21 13:29	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/04/21 13:37	10/05/21 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	10/04/21 13:37	10/05/21 13:29	1
1,4-Difluorobenzene (Surr)	109		70 - 130	10/04/21 13:37	10/05/21 13:29	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-6

Lab Sample ID: 880-6748-14

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00205		0.00200		mg/Kg			10/05/21 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 04:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 04:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/04/21 11:22	10/05/21 04:15	1
o-Terphenyl	126		70 - 130				10/04/21 11:22	10/05/21 04:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		4.95		mg/Kg			10/06/21 13:58	1

Client Sample ID: SW-7

Lab Sample ID: 880-6748-15

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:37	10/05/21 13:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 13:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 13:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/21 13:37	10/05/21 13:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 13:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/21 13:37	10/05/21 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				10/04/21 13:37	10/05/21 13:50	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/04/21 13:37	10/05/21 13:50	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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		10/04/21 11:22	10/05/21 04:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/05/21 04:36	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-7

Lab Sample ID: 880-6748-15

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/05/21 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/04/21 11:22	10/05/21 04:36	1
o-Terphenyl	125		70 - 130				10/04/21 11:22	10/05/21 04:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.83		4.99		mg/Kg			10/06/21 14:04	1

Client Sample ID: SW-8

Lab Sample ID: 880-6748-16

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:37	10/05/21 14:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:37	10/05/21 14:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:37	10/05/21 14:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/21 13:37	10/05/21 14:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:37	10/05/21 14:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/21 13:37	10/05/21 14:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				10/04/21 13:37	10/05/21 14:11	1
1,4-Difluorobenzene (Surr)	113		70 - 130				10/04/21 13:37	10/05/21 14:11	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 04:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 04:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 04:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				10/04/21 11:22	10/05/21 04:57	1
o-Terphenyl	126		70 - 130				10/04/21 11:22	10/05/21 04:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		4.97		mg/Kg			10/06/21 14:10	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-9

Lab Sample ID: 880-6748-17

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:37	10/05/21 14:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 14:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 14:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/21 13:37	10/05/21 14:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 14:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/21 13:37	10/05/21 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	10/04/21 13:37	10/05/21 14:32	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/04/21 13:37	10/05/21 14:32	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 05:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 05:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/04/21 11:22	10/05/21 05:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	10/04/21 11:22	10/05/21 05:18	1
o-Terphenyl	125		70 - 130	10/04/21 11:22	10/05/21 05:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.01		4.96		mg/Kg			10/06/21 14:15	1

Client Sample ID: SW-10

Lab Sample ID: 880-6748-18

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:37	10/05/21 14:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:37	10/05/21 14:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:37	10/05/21 14:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/21 13:37	10/05/21 14:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/21 13:37	10/05/21 14:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/21 13:37	10/05/21 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	10/04/21 13:37	10/05/21 14:53	1
1,4-Difluorobenzene (Surr)	120		70 - 130	10/04/21 13:37	10/05/21 14:53	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-10

Lab Sample ID: 880-6748-18

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	49.9		mg/Kg		10/04/21 11:22	10/05/21 05:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 05:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				10/04/21 11:22	10/05/21 05:39	1
o-Terphenyl	128		70 - 130				10/04/21 11:22	10/05/21 05:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.7		4.98		mg/Kg			10/06/21 14:21	1

Client Sample ID: SW-11

Lab Sample ID: 880-6748-19

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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		10/04/21 13:37	10/05/21 15:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/04/21 13:37	10/05/21 15:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/04/21 13:37	10/05/21 15:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/04/21 13:37	10/05/21 15:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/04/21 13:37	10/05/21 15:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/04/21 13:37	10/05/21 15:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/04/21 13:37	10/05/21 15:13	1
1,4-Difluorobenzene (Surr)	107		70 - 130				10/04/21 13:37	10/05/21 15:13	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			10/05/21 10:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/05/21 10:19	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	49.9		mg/Kg		10/04/21 11:22	10/05/21 06:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 06:02	1

Eurofins Xenco, Midland

Client Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-11

Lab Sample ID: 880-6748-19

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/21 11:22	10/05/21 06:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	10/04/21 11:22	10/05/21 06:02	1
o-Terphenyl	121		70 - 130	10/04/21 11:22	10/05/21 06:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.1		4.95		mg/Kg			10/06/21 14:26	1

Surrogate Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, 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)
880-6736-A-61-D MS	Matrix Spike	125	77
880-6736-A-61-E MSD	Matrix Spike Duplicate	138 S1+	75
880-6748-1	CS-1 (1.5')	128	84
880-6748-2	CS-2 (1.5')	144 S1+	79
880-6748-3	CS- 3(1.5')	124	80
880-6748-4	CS-4 (3.5')	112	81
880-6748-5	CS-5 (3.5')	122	80
880-6748-6	CS-6 (3.5')	132 S1+	79
880-6748-7	CS-7 (3.5')	137 S1+	61 S1-
880-6748-8	CS-8 (3.5')	146 S1+	87
880-6748-9	SW-1	133 S1+	80
880-6748-10	SW-2	124	78
880-6748-11	SW-3	100	111
880-6748-11 MS	SW-3	84	85
880-6748-11 MSD	SW-3	118	119
880-6748-12	SW-4	97	110
880-6748-13	SW-5	85	102
880-6748-14	SW-6	88	109
880-6748-15	SW-7	88	96
880-6748-16	SW-8	93	113
880-6748-17	SW-9	83	92
880-6748-18	SW-10	95	120
880-6748-19	SW-11	95	107
LCS 880-8800/1-A	Lab Control Sample	113	80
LCS 880-8803/1-A	Lab Control Sample	81	85
LCSD 880-8800/2-A	Lab Control Sample Dup	113	84
LCSD 880-8803/2-A	Lab Control Sample Dup	99	82
MB 880-8800/5-A	Method Blank	116	85
MB 880-8803/5-A	Method Blank	102	103
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)
880-6748-1	CS-1 (1.5')	97	107
880-6748-1 MS	CS-1 (1.5')	100	104
880-6748-1 MSD	CS-1 (1.5')	97	100
880-6748-2	CS-2 (1.5')	105	119
880-6748-3	CS- 3(1.5')	102	118
880-6748-4	CS-4 (3.5')	106	128
880-6748-5	CS-5 (3.5')	102	124
880-6748-6	CS-6 (3.5')	105	126
880-6748-7	CS-7 (3.5')	108	130
880-6748-8	CS-8 (3.5')	110	135 S1+

Eurofins Xenco, Midland

Surrogate Summary

Client: NT Global

Job ID: 880-6748-1

Project/Site: Jupiter 19 Fed Com #510 Flowline

SDG: Lea Co, NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-6748-9	SW-1	99	114
880-6748-10	SW-2	102	121
880-6748-11	SW-3	104	122
880-6748-12	SW-4	111	134 S1+
880-6748-13	SW-5	106	128
880-6748-14	SW-6	106	126
880-6748-15	SW-7	106	125
880-6748-16	SW-8	105	126
880-6748-17	SW-9	106	125
880-6748-18	SW-10	106	128
880-6748-19	SW-11	102	121
LCS 880-8798/2-A	Lab Control Sample	116	127
LCSD 880-8798/3-A	Lab Control Sample Dup	109	124
MB 880-8798/1-A	Method Blank	99	121
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-8800/5-A

Matrix: Solid

Analysis Batch: 8885

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:33	10/05/21 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:33	10/05/21 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:33	10/05/21 12:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/21 13:33	10/05/21 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:33	10/05/21 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/21 13:33	10/05/21 12:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	10/04/21 13:33	10/05/21 12:03	1
1,4-Difluorobenzene (Surr)	85		70 - 130	10/04/21 13:33	10/05/21 12:03	1

Lab Sample ID: LCS 880-8800/1-A

Matrix: Solid

Analysis Batch: 8885

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 8800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09960		mg/Kg		100	70 - 130
Toluene	0.100	0.1020		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1040		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2162		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1068		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: LCSD 880-8800/2-A

Matrix: Solid

Analysis Batch: 8885

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 8800

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1033		mg/Kg		103	70 - 130	4	35
Toluene	0.100	0.1035		mg/Kg		104	70 - 130	1	35
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2140		mg/Kg		107	70 - 130	1	35
o-Xylene	0.100	0.1060		mg/Kg		106	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-6736-A-61-D MS

Matrix: Solid

Analysis Batch: 8885

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 8800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U F1	0.100	0.04776	F1	mg/Kg		48	70 - 130
Toluene	<0.00198	U F1	0.100	0.05476	F1	mg/Kg		55	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-6736-A-61-D MS

Matrix: Solid

Analysis Batch: 8885

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 8800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00198	U F1	0.100	0.05541	F1	mg/Kg		55	70 - 130
m-Xylene & p-Xylene	<0.00397	U F2 F1	0.200	0.1177	F1	mg/Kg		59	70 - 130
o-Xylene	<0.00198	U F1	0.100	0.05820	F1	mg/Kg		58	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: 880-6736-A-61-E MSD

Matrix: Solid

Analysis Batch: 8885

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 8800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U F1	0.0994	0.04596	F1	mg/Kg		46	70 - 130	4	35
Toluene	<0.00198	U F1	0.0994	0.05476	F1	mg/Kg		55	70 - 130	0	35
Ethylbenzene	<0.00198	U F1	0.0994	0.05686	F1	mg/Kg		57	70 - 130	3	35
m-Xylene & p-Xylene	<0.00397	U F2 F1	0.199	0.05660	F2 F1	mg/Kg		28	70 - 130	70	35
o-Xylene	<0.00198	U F1	0.0994	0.05975	F1	mg/Kg		60	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130
1,4-Difluorobenzene (Surr)	75		70 - 130

Lab Sample ID: MB 880-8803/5-A

Matrix: Solid

Analysis Batch: 8886

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/21 13:37	10/05/21 12:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/21 13:37	10/05/21 12:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/21 13:37	10/05/21 12:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/04/21 13:37	10/05/21 12:05	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/04/21 13:37	10/05/21 12:05	1

Lab Sample ID: LCS 880-8803/1-A

Matrix: Solid

Analysis Batch: 8886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 8803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1041		mg/Kg		104	70 - 130
Toluene	0.100	0.08619		mg/Kg		86	70 - 130
Ethylbenzene	0.100	0.08694		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1559		mg/Kg		78	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-8803/1-A

Matrix: Solid

Analysis Batch: 8886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 8803

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.07230		mg/Kg		72	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-8803/2-A

Matrix: Solid

Analysis Batch: 8886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 8803

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1004		mg/Kg		100	70 - 130	4	35
Toluene	0.100	0.1141		mg/Kg		114	70 - 130	28	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	27	35
m-Xylene & p-Xylene	0.200	0.1957		mg/Kg		98	70 - 130	23	35
o-Xylene	0.100	0.09661		mg/Kg		97	70 - 130	29	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: 880-6748-11 MS

Matrix: Solid

Analysis Batch: 8886

Client Sample ID: SW-3

Prep Type: Total/NA

Prep Batch: 8803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.101	0.06196	F1	mg/Kg		61	70 - 130
Toluene	<0.00200	U	0.101	0.07795		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.08263		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.202	0.1344	F1	mg/Kg		67	70 - 130
o-Xylene	<0.00200	U F1	0.101	0.06421	F1	mg/Kg		64	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-6748-11 MSD

Matrix: Solid

Analysis Batch: 8886

Client Sample ID: SW-3

Prep Type: Total/NA

Prep Batch: 8803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.08433		mg/Kg		84	70 - 130	31	35
Toluene	<0.00200	U	0.100	0.1050		mg/Kg		105	70 - 130	30	35
Ethylbenzene	<0.00200	U	0.100	0.09487		mg/Kg		94	70 - 130	14	35
m-Xylene & p-Xylene	<0.00401	U F1	0.201	0.1781		mg/Kg		89	70 - 130	28	35
o-Xylene	<0.00200	U F1	0.100	0.08616		mg/Kg		86	70 - 130	29	35

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-6748-11 MSD

Matrix: Solid

Analysis Batch: 8886

Client Sample ID: SW-3

Prep Type: Total/NA

Prep Batch: 8803

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	119		70 - 130

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

Lab Sample ID: MB 880-8798/1-A

Matrix: Solid

Analysis Batch: 8773

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 8798

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/04/21 21:30	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/04/21 21:30	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/21 11:22	10/04/21 21:30	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	99		70 - 130				10/04/21 11:22	10/04/21 21:30	1	
o-Terphenyl	121		70 - 130				10/04/21 11:22	10/04/21 21:30	1	

Lab Sample ID: LCS 880-8798/2-A

Matrix: Solid

Analysis Batch: 8773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 8798

	Spike	LCS	LCS					%Rec.		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	899.1		mg/Kg		90	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	1049		mg/Kg		105	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	116		70 - 130							
o-Terphenyl	127		70 - 130							

Lab Sample ID: LCSD 880-8798/3-A

Matrix: Solid

Analysis Batch: 8773

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 8798

	Spike	LCSD	LCSD				%Rec.		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	880.5		mg/Kg		88	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	1027		mg/Kg		103	70 - 130	2	20	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	109		70 - 130							
o-Terphenyl	124		70 - 130							

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-6748-1 MS

Matrix: Solid

Analysis Batch: 8773

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 8798

	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	995	803.7		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	995	860.4		mg/Kg		85	70 - 130		

Lab Sample ID: 880-6748-1 MSD

Matrix: Solid

Analysis Batch: 8773

Client Sample ID: CS-1 (1.5')

Prep Type: Total/NA

Prep Batch: 8798

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	783.8		mg/Kg		79	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	830.9		mg/Kg		82	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	100		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-8804/1-A

Matrix: Solid

Analysis Batch: 8970

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			10/06/21 01:34	1

Lab Sample ID: LCS 880-8804/2-A

Matrix: Solid

Analysis Batch: 8970

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	233.6		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-8804/3-A

Matrix: Solid

Analysis Batch: 8970

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	234.3		mg/Kg		94	90 - 110	0	20

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QC Sample Results

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-6748-2 MS

Matrix: Solid

Analysis Batch: 8970

Client Sample ID: CS-2 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	85.4		250	343.8		mg/Kg		104	90 - 110

Lab Sample ID: 880-6748-2 MSD

Matrix: Solid

Analysis Batch: 8970

Client Sample ID: CS-2 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	85.4		250	345.7		mg/Kg		104	90 - 110	1	20

Lab Sample ID: MB 880-8806/1-A

Matrix: Solid

Analysis Batch: 8980

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			10/06/21 11:21	1

Lab Sample ID: LCS 880-8806/2-A

Matrix: Solid

Analysis Batch: 8980

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	237.8		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-8806/3-A

Matrix: Solid

Analysis Batch: 8980

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	238.8		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-6684-A-1-E MS

Matrix: Solid

Analysis Batch: 8980

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	283		252	528.7		mg/Kg		97	90 - 110

Lab Sample ID: 880-6684-A-1-F MSD

Matrix: Solid

Analysis Batch: 8980

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	283		252	530.9		mg/Kg		98	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

GC VOA

Prep Batch: 8800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-1	CS-1 (1.5')	Total/NA	Solid	5035	
880-6748-2	CS-2 (1.5')	Total/NA	Solid	5035	
880-6748-3	CS- 3(1.5')	Total/NA	Solid	5035	
880-6748-4	CS-4 (3.5')	Total/NA	Solid	5035	
880-6748-5	CS-5 (3.5')	Total/NA	Solid	5035	
880-6748-6	CS-6 (3.5')	Total/NA	Solid	5035	
880-6748-7	CS-7 (3.5')	Total/NA	Solid	5035	
880-6748-8	CS-8 (3.5')	Total/NA	Solid	5035	
880-6748-9	SW-1	Total/NA	Solid	5035	
880-6748-10	SW-2	Total/NA	Solid	5035	
MB 880-8800/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-8800/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8800/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-6736-A-61-D MS	Matrix Spike	Total/NA	Solid	5035	
880-6736-A-61-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 8803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-11	SW-3	Total/NA	Solid	5035	
880-6748-12	SW-4	Total/NA	Solid	5035	
880-6748-13	SW-5	Total/NA	Solid	5035	
880-6748-14	SW-6	Total/NA	Solid	5035	
880-6748-15	SW-7	Total/NA	Solid	5035	
880-6748-16	SW-8	Total/NA	Solid	5035	
880-6748-17	SW-9	Total/NA	Solid	5035	
880-6748-18	SW-10	Total/NA	Solid	5035	
880-6748-19	SW-11	Total/NA	Solid	5035	
MB 880-8803/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-8803/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-8803/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-6748-11 MS	SW-3	Total/NA	Solid	5035	
880-6748-11 MSD	SW-3	Total/NA	Solid	5035	

Analysis Batch: 8885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-1	CS-1 (1.5')	Total/NA	Solid	8021B	8800
880-6748-2	CS-2 (1.5')	Total/NA	Solid	8021B	8800
880-6748-3	CS- 3(1.5')	Total/NA	Solid	8021B	8800
880-6748-4	CS-4 (3.5')	Total/NA	Solid	8021B	8800
880-6748-5	CS-5 (3.5')	Total/NA	Solid	8021B	8800
880-6748-6	CS-6 (3.5')	Total/NA	Solid	8021B	8800
880-6748-7	CS-7 (3.5')	Total/NA	Solid	8021B	8800
880-6748-8	CS-8 (3.5')	Total/NA	Solid	8021B	8800
880-6748-9	SW-1	Total/NA	Solid	8021B	8800
880-6748-10	SW-2	Total/NA	Solid	8021B	8800
MB 880-8800/5-A	Method Blank	Total/NA	Solid	8021B	8800
LCS 880-8800/1-A	Lab Control Sample	Total/NA	Solid	8021B	8800
LCSD 880-8800/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8800
880-6736-A-61-D MS	Matrix Spike	Total/NA	Solid	8021B	8800
880-6736-A-61-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	8800

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QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 8886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-11	SW-3	Total/NA	Solid	8021B	8803
880-6748-12	SW-4	Total/NA	Solid	8021B	8803
880-6748-13	SW-5	Total/NA	Solid	8021B	8803
880-6748-14	SW-6	Total/NA	Solid	8021B	8803
880-6748-15	SW-7	Total/NA	Solid	8021B	8803
880-6748-16	SW-8	Total/NA	Solid	8021B	8803
880-6748-17	SW-9	Total/NA	Solid	8021B	8803
880-6748-18	SW-10	Total/NA	Solid	8021B	8803
880-6748-19	SW-11	Total/NA	Solid	8021B	8803
MB 880-8803/5-A	Method Blank	Total/NA	Solid	8021B	8803
LCS 880-8803/1-A	Lab Control Sample	Total/NA	Solid	8021B	8803
LCSD 880-8803/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	8803
880-6748-11 MS	SW-3	Total/NA	Solid	8021B	8803
880-6748-11 MSD	SW-3	Total/NA	Solid	8021B	8803

Analysis Batch: 8900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-11	SW-3	Total/NA	Solid	Total BTEX	
880-6748-12	SW-4	Total/NA	Solid	Total BTEX	
880-6748-13	SW-5	Total/NA	Solid	Total BTEX	
880-6748-14	SW-6	Total/NA	Solid	Total BTEX	
880-6748-15	SW-7	Total/NA	Solid	Total BTEX	
880-6748-16	SW-8	Total/NA	Solid	Total BTEX	
880-6748-17	SW-9	Total/NA	Solid	Total BTEX	
880-6748-18	SW-10	Total/NA	Solid	Total BTEX	
880-6748-19	SW-11	Total/NA	Solid	Total BTEX	

Analysis Batch: 8902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-6748-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	
880-6748-3	CS- 3(1.5')	Total/NA	Solid	Total BTEX	
880-6748-4	CS-4 (3.5')	Total/NA	Solid	Total BTEX	
880-6748-5	CS-5 (3.5')	Total/NA	Solid	Total BTEX	
880-6748-6	CS-6 (3.5')	Total/NA	Solid	Total BTEX	
880-6748-7	CS-7 (3.5')	Total/NA	Solid	Total BTEX	
880-6748-8	CS-8 (3.5')	Total/NA	Solid	Total BTEX	
880-6748-9	SW-1	Total/NA	Solid	Total BTEX	
880-6748-10	SW-2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 8773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	8798
880-6748-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	8798
880-6748-3	CS- 3(1.5')	Total/NA	Solid	8015B NM	8798
880-6748-4	CS-4 (3.5')	Total/NA	Solid	8015B NM	8798
880-6748-5	CS-5 (3.5')	Total/NA	Solid	8015B NM	8798
880-6748-6	CS-6 (3.5')	Total/NA	Solid	8015B NM	8798
880-6748-7	CS-7 (3.5')	Total/NA	Solid	8015B NM	8798

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QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 8773 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-8	CS-8 (3.5')	Total/NA	Solid	8015B NM	8798
880-6748-9	SW-1	Total/NA	Solid	8015B NM	8798
880-6748-10	SW-2	Total/NA	Solid	8015B NM	8798
880-6748-11	SW-3	Total/NA	Solid	8015B NM	8798
880-6748-12	SW-4	Total/NA	Solid	8015B NM	8798
880-6748-13	SW-5	Total/NA	Solid	8015B NM	8798
880-6748-14	SW-6	Total/NA	Solid	8015B NM	8798
880-6748-15	SW-7	Total/NA	Solid	8015B NM	8798
880-6748-16	SW-8	Total/NA	Solid	8015B NM	8798
880-6748-17	SW-9	Total/NA	Solid	8015B NM	8798
880-6748-18	SW-10	Total/NA	Solid	8015B NM	8798
880-6748-19	SW-11	Total/NA	Solid	8015B NM	8798
MB 880-8798/1-A	Method Blank	Total/NA	Solid	8015B NM	8798
LCS 880-8798/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	8798
LCSD 880-8798/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	8798
880-6748-1 MS	CS-1 (1.5')	Total/NA	Solid	8015B NM	8798
880-6748-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015B NM	8798

Prep Batch: 8798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-6748-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-6748-3	CS- 3(1.5')	Total/NA	Solid	8015NM Prep	
880-6748-4	CS-4 (3.5')	Total/NA	Solid	8015NM Prep	
880-6748-5	CS-5 (3.5')	Total/NA	Solid	8015NM Prep	
880-6748-6	CS-6 (3.5')	Total/NA	Solid	8015NM Prep	
880-6748-7	CS-7 (3.5')	Total/NA	Solid	8015NM Prep	
880-6748-8	CS-8 (3.5')	Total/NA	Solid	8015NM Prep	
880-6748-9	SW-1	Total/NA	Solid	8015NM Prep	
880-6748-10	SW-2	Total/NA	Solid	8015NM Prep	
880-6748-11	SW-3	Total/NA	Solid	8015NM Prep	
880-6748-12	SW-4	Total/NA	Solid	8015NM Prep	
880-6748-13	SW-5	Total/NA	Solid	8015NM Prep	
880-6748-14	SW-6	Total/NA	Solid	8015NM Prep	
880-6748-15	SW-7	Total/NA	Solid	8015NM Prep	
880-6748-16	SW-8	Total/NA	Solid	8015NM Prep	
880-6748-17	SW-9	Total/NA	Solid	8015NM Prep	
880-6748-18	SW-10	Total/NA	Solid	8015NM Prep	
880-6748-19	SW-11	Total/NA	Solid	8015NM Prep	
MB 880-8798/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-8798/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-8798/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-6748-1 MS	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-6748-1 MSD	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 8890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-1	CS-1 (1.5')	Total/NA	Solid	8015 NM	
880-6748-2	CS-2 (1.5')	Total/NA	Solid	8015 NM	
880-6748-3	CS- 3(1.5')	Total/NA	Solid	8015 NM	
880-6748-4	CS-4 (3.5')	Total/NA	Solid	8015 NM	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 8890 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-5	CS-5 (3.5')	Total/NA	Solid	8015 NM	
880-6748-6	CS-6 (3.5')	Total/NA	Solid	8015 NM	
880-6748-7	CS-7 (3.5')	Total/NA	Solid	8015 NM	
880-6748-8	CS-8 (3.5')	Total/NA	Solid	8015 NM	
880-6748-9	SW-1	Total/NA	Solid	8015 NM	
880-6748-10	SW-2	Total/NA	Solid	8015 NM	
880-6748-11	SW-3	Total/NA	Solid	8015 NM	
880-6748-12	SW-4	Total/NA	Solid	8015 NM	
880-6748-13	SW-5	Total/NA	Solid	8015 NM	
880-6748-14	SW-6	Total/NA	Solid	8015 NM	
880-6748-15	SW-7	Total/NA	Solid	8015 NM	
880-6748-16	SW-8	Total/NA	Solid	8015 NM	
880-6748-17	SW-9	Total/NA	Solid	8015 NM	
880-6748-18	SW-10	Total/NA	Solid	8015 NM	
880-6748-19	SW-11	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 8804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-1	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-6748-2	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-6748-3	CS- 3(1.5')	Soluble	Solid	DI Leach	
880-6748-4	CS-4 (3.5')	Soluble	Solid	DI Leach	
880-6748-5	CS-5 (3.5')	Soluble	Solid	DI Leach	
880-6748-6	CS-6 (3.5')	Soluble	Solid	DI Leach	
880-6748-7	CS-7 (3.5')	Soluble	Solid	DI Leach	
880-6748-8	CS-8 (3.5')	Soluble	Solid	DI Leach	
880-6748-9	SW-1	Soluble	Solid	DI Leach	
880-6748-10	SW-2	Soluble	Solid	DI Leach	
880-6748-11	SW-3	Soluble	Solid	DI Leach	
MB 880-8804/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8804/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8804/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-6748-2 MS	CS-2 (1.5')	Soluble	Solid	DI Leach	
880-6748-2 MSD	CS-2 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 8806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-12	SW-4	Soluble	Solid	DI Leach	
880-6748-13	SW-5	Soluble	Solid	DI Leach	
880-6748-14	SW-6	Soluble	Solid	DI Leach	
880-6748-15	SW-7	Soluble	Solid	DI Leach	
880-6748-16	SW-8	Soluble	Solid	DI Leach	
880-6748-17	SW-9	Soluble	Solid	DI Leach	
880-6748-18	SW-10	Soluble	Solid	DI Leach	
880-6748-19	SW-11	Soluble	Solid	DI Leach	
MB 880-8806/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-8806/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-8806/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-6684-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 8806 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6684-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 8970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-1	CS-1 (1.5')	Soluble	Solid	300.0	8804
880-6748-2	CS-2 (1.5')	Soluble	Solid	300.0	8804
880-6748-3	CS- 3(1.5')	Soluble	Solid	300.0	8804
880-6748-4	CS-4 (3.5')	Soluble	Solid	300.0	8804
880-6748-5	CS-5 (3.5')	Soluble	Solid	300.0	8804
880-6748-6	CS-6 (3.5')	Soluble	Solid	300.0	8804
880-6748-7	CS-7 (3.5')	Soluble	Solid	300.0	8804
880-6748-8	CS-8 (3.5')	Soluble	Solid	300.0	8804
880-6748-9	SW-1	Soluble	Solid	300.0	8804
880-6748-10	SW-2	Soluble	Solid	300.0	8804
880-6748-11	SW-3	Soluble	Solid	300.0	8804
MB 880-8804/1-A	Method Blank	Soluble	Solid	300.0	8804
LCS 880-8804/2-A	Lab Control Sample	Soluble	Solid	300.0	8804
LCSD 880-8804/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8804
880-6748-2 MS	CS-2 (1.5')	Soluble	Solid	300.0	8804
880-6748-2 MSD	CS-2 (1.5')	Soluble	Solid	300.0	8804

Analysis Batch: 8980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-6748-12	SW-4	Soluble	Solid	300.0	8806
880-6748-13	SW-5	Soluble	Solid	300.0	8806
880-6748-14	SW-6	Soluble	Solid	300.0	8806
880-6748-15	SW-7	Soluble	Solid	300.0	8806
880-6748-16	SW-8	Soluble	Solid	300.0	8806
880-6748-17	SW-9	Soluble	Solid	300.0	8806
880-6748-18	SW-10	Soluble	Solid	300.0	8806
880-6748-19	SW-11	Soluble	Solid	300.0	8806
MB 880-8806/1-A	Method Blank	Soluble	Solid	300.0	8806
LCS 880-8806/2-A	Lab Control Sample	Soluble	Solid	300.0	8806
LCSD 880-8806/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	8806
880-6684-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	8806
880-6684-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	8806

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-6748-1

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	8800	10/04/21 13:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8885	10/05/21 16:52	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8902	10/05/21 10:58	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/04/21 22:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 03:04	CH	XEN MID

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-6748-2

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	8800	10/04/21 13:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8885	10/05/21 17:12	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8902	10/05/21 10:58	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/04/21 23:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 03:10	CH	XEN MID

Client Sample ID: CS- 3(1.5')

Lab Sample ID: 880-6748-3

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	8800	10/04/21 13:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8885	10/05/21 17:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8902	10/05/21 10:58	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/04/21 23:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 03:27	CH	XEN MID

Client Sample ID: CS-4 (3.5')

Lab Sample ID: 880-6748-4

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	8800	10/04/21 13:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8885	10/05/21 17:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8902	10/05/21 10:58	KL	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: CS-4 (3.5')

Lab Sample ID: 880-6748-4

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 00:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 03:32	CH	XEN MID

Client Sample ID: CS-5 (3.5')

Lab Sample ID: 880-6748-5

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	8800	10/04/21 13:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8885	10/05/21 18:14	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8902	10/05/21 10:58	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 00:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 03:49	CH	XEN MID

Client Sample ID: CS-6 (3.5')

Lab Sample ID: 880-6748-6

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	8800	10/04/21 13:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8885	10/05/21 18:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8902	10/05/21 10:58	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 01:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 03:55	CH	XEN MID

Client Sample ID: CS-7 (3.5')

Lab Sample ID: 880-6748-7

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	8800	10/04/21 13:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8885	10/05/21 18:55	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8902	10/05/21 10:58	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 01:23	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: CS-7 (3.5')

Date Collected: 10/01/21 00:00

Date Received: 10/01/21 16:16

Lab Sample ID: 880-6748-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 04:00	CH	XEN MID

Client Sample ID: CS-8 (3.5')

Date Collected: 10/01/21 00:00

Date Received: 10/01/21 16:16

Lab Sample ID: 880-6748-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	8800	10/04/21 13:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8885	10/05/21 19:15	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8902	10/05/21 10:58	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 01:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 04:06	CH	XEN MID

Client Sample ID: SW-1

Date Collected: 10/01/21 00:00

Date Received: 10/01/21 16:16

Lab Sample ID: 880-6748-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	8800	10/04/21 13:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8885	10/05/21 19:35	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8902	10/05/21 10:58	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 02:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 04:11	CH	XEN MID

Client Sample ID: SW-2

Date Collected: 10/01/21 00:00

Date Received: 10/01/21 16:16

Lab Sample ID: 880-6748-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	8800	10/04/21 13:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8885	10/05/21 19:56	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8902	10/05/21 10:58	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 02:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 04:17	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-3

Lab Sample ID: 880-6748-11

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	8803	10/04/21 13:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8886	10/05/21 12:27	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8900	10/05/21 10:54	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 03:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8804	10/04/21 13:38	CA	XEN MID
Soluble	Analysis	300.0		1			8970	10/06/21 08:00	CH	XEN MID

Client Sample ID: SW-4

Lab Sample ID: 880-6748-12

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	8803	10/04/21 13:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8886	10/05/21 12:48	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8900	10/05/21 10:54	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 03:32	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	8806	10/04/21 13:41	CA	XEN MID
Soluble	Analysis	300.0		1			8980	10/06/21 13:36	CH	XEN MID

Client Sample ID: SW-5

Lab Sample ID: 880-6748-13

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	8803	10/04/21 13:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8886	10/05/21 13:09	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8900	10/05/21 10:54	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 03:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8806	10/04/21 13:41	CA	XEN MID
Soluble	Analysis	300.0		1			8980	10/06/21 13:53	CH	XEN MID

Client Sample ID: SW-6

Lab Sample ID: 880-6748-14

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	8803	10/04/21 13:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8886	10/05/21 13:29	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8900	10/05/21 10:54	KL	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-6

Lab Sample ID: 880-6748-14

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 04:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8806	10/04/21 13:41	CA	XEN MID
Soluble	Analysis	300.0		1			8980	10/06/21 13:58	CH	XEN MID

Client Sample ID: SW-7

Lab Sample ID: 880-6748-15

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	8803	10/04/21 13:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8886	10/05/21 13:50	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8900	10/05/21 10:54	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 04:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	8806	10/04/21 13:41	CA	XEN MID
Soluble	Analysis	300.0		1			8980	10/06/21 14:04	CH	XEN MID

Client Sample ID: SW-8

Lab Sample ID: 880-6748-16

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	8803	10/04/21 13:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8886	10/05/21 14:11	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8900	10/05/21 10:54	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 04:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	8806	10/04/21 13:41	CA	XEN MID
Soluble	Analysis	300.0		1			8980	10/06/21 14:10	CH	XEN MID

Client Sample ID: SW-9

Lab Sample ID: 880-6748-17

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	8803	10/04/21 13:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8886	10/05/21 14:32	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8900	10/05/21 10:54	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 05:18	AJ	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

Client Sample ID: SW-9

Lab Sample ID: 880-6748-17

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	8806	10/04/21 13:41	CA	XEN MID
Soluble	Analysis	300.0		1			8980	10/06/21 14:15	CH	XEN MID

Client Sample ID: SW-10

Lab Sample ID: 880-6748-18

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	8803	10/04/21 13:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8886	10/05/21 14:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8900	10/05/21 10:54	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 05:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	8806	10/04/21 13:41	CA	XEN MID
Soluble	Analysis	300.0		1			8980	10/06/21 14:21	CH	XEN MID

Client Sample ID: SW-11

Lab Sample ID: 880-6748-19

Date Collected: 10/01/21 00:00

Matrix: Solid

Date Received: 10/01/21 16:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	8803	10/04/21 13:37	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	8886	10/05/21 15:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			8900	10/05/21 10:54	KL	XEN MID
Total/NA	Analysis	8015 NM		1			8890	10/05/21 10:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	8798	10/04/21 11:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			8773	10/05/21 06:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	8806	10/04/21 13:41	CA	XEN MID
Soluble	Analysis	300.0		1			8980	10/06/21 14:26	CH	XEN MID

Laboratory References:

XEN MID = 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: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, 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	T104704400-21-22	06-30-22

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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

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

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.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: NT Global
Project/Site: Jupiter 19 Fed Com #510 Flowline

Job ID: 880-6748-1
SDG: Lea Co, NM

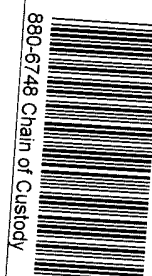
Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-6748-1	CS-1 (1.5')	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-2	CS-2 (1.5')	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-3	CS- 3(1.5')	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-4	CS-4 (3.5')	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-5	CS-5 (3.5')	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-6	CS-6 (3.5')	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-7	CS-7 (3.5')	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-8	CS-8 (3.5')	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-9	SW-1	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-10	SW-2	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-11	SW-3	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-12	SW-4	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-13	SW-5	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-14	SW-6	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-15	SW-7	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-16	SW-8	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-17	SW-9	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-18	SW-10	Solid	10/01/21 00:00	10/01/21 16:16
880-6748-19	SW-11	Solid	10/01/21 00:00	10/01/21 16:16



Chain of Custody

Project Manager	Mike Carmona	Bill to (if different)	Todd Wells
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	Todd Wells@eogresources.com

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



880-6748 Chain of Custody

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2

Project Name		Jupiter 19 Fed Com #510 Flowline		Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number	214625	☐ Routine	☒ Rush	Project Location	Lea Co, NM	Due Date	72 hrs											None NO	DI Water- H ₂ O
Sampler's Name	NH	TAT starts the day received by the lab if received by 4 30pm		PO #:												Cool Cool	MeOH Me		
SAMPLE RECEIPT		Temp Blank.	Yes ☒ No ☒	Wet Ice	Yes ☒ No ☒											HCL HC	HNO ₃ HN		
Received Intact:	Yes ☒ No ☒	Thermometer ID	128											H ₂ SO ₄ H ₂	NaOH Na				
Cooler Custody Seals	Yes ☒ No ☒	Correction Factor	0.5											H ₃ PO ₄ HP					
Sample Custody Seals.	Yes ☒ No ☒	Temperature Reading	0.5											NaHSO ₄ NABIS					
Total Containers	Corrected Temperature	1.3											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	HOLD										Sample Comments	
CS-1 (1 5')	10/1/2021	-		X	N/A	C	1	X	X	X									
CS-2 (1 5')	10/1/2021	-		X	N/A	C	1	X	X	X									
CS-3 (1 5')	10/1/2021	-		X	N/A	C	1	X	X	X									
CS-4 (3 5')	10/1/2021	-		X	N/A	C	1	X	X	X									
CS-5 (3 5')	10/1/2021	-		X	N/A	C	1	X	X	X									
CS-6 (3 5')	10/1/2021	-		X	N/A	C	1	X	X	X									
CS-7 (3 5')	10/1/2021	-		X	N/A	C	1	X	X	X									
CS-8 (3 5')	10/1/2021	-		X	N/A	C	1	X	X	X									
SW-1	10/1/2021	-		X	N/A	C	1	X	X	X									
SW-2	10/1/2021	-		X	N/A	C	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
		10/1/21			
		10/5			



Chain of Custody

Work Order No: -

Loc: 880
6748

Page 4 of 2

Project Manager	Mike Cairmonta	Bill to (if different)	Todd Wells
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	Todd Wells@eogresources

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

Project Name	Jupiter 19 Fed Com #510 Flowline	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes						
		☐ Routine	☒ Rush																				
Project Number	214625																						
Project Location	Lea Co, NM	Due Date		72 hrs																			
Sampler's Name	NH	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																					
Cooler Custody Seals:	Yes No N/A	Correction Factor																					
Sample Custody Seals:	Yes No N/A	Temperature Reading																					
Total Containers:		Corrected Temperature																					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments			
SW-3	10/1/2021	-		X	N/A	C	1	X	X	X	BTEX 8021B												
SW-4	10/1/2021	-		X	N/A	C	1	X	X	X	TPH 8015M (GRO + DRO + MRO)												
SW-5	10/1/2021	-		X	N/A	C	1	X	X	X	Chloride 300.0												
SW-6	10/1/2021	-		X	N/A	C	1	X	X	X													
SW-7	10/1/2021	-		X	N/A	C	1	X	X	X													
SW-8	10/1/2021	-		X	N/A	C	1	X	X	X													
SW-9	10/1/2021	-		X	N/A	C	1	X	X	X													
SW-10	10/1/2021	-		X	N/A	C	1	X	X	X													
SW-11	10/1/2021	-		X	N/A	C	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
<i>Sam Nodary</i>	<i>[Signature]</i>	10/1/21			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-6748-1

SDG Number: Lea Co, NM

Login Number: 6748

List Source: Eurofins Xenco, Midland

List Number: 1

Creator: Teel, Brianna

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 times on COC, logged in per container labels.
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 61861

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 61861
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	12/9/2021