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*Site Information*

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**Closure Report**  
**Hurl State 1 (07.05.21)**  
**Eddy County, New Mexico**  
**Unit A Sec 16 T18S R30E**  
**Incident #: NAPP2120344991**  
**32.753006°, -103.970609°**

**Crude Oil Release**  
**Source: Lighting Strike resulted in fire**  
**Release Date: 7/5/2021**  
**Volume Released: 10 bbls/Crude Oil**  
**Volume Recovered: 9 bbls/Crude Oil**

**Prepared for:**  
**Concho Operating, LLC**  
**15 West London Rd**  
**Loving, NM 88256**

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



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APPENDIX B	GROUNDWATER RESEARCH
APPENDIX C	LABORATORY ANALYTICAL REPORTS



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

September 23, 2021

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

**Re: Closure Report  
Hurl State #1 (07.05.21)  
Concho Operating, LLC  
Site Location: Unit A, S16, T18S, R30E  
(Lat 32.753006°, Long -103.970609°)  
Eddy County, New Mexico**

To whom it may concern:

On behalf of Concho Operating, LLC (COG), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remediation activities for Hurl State #1 (07.05.21). The site is located at 32.753006°, -103.970609° within Unit A, S16, T18S, R30E, and approximately 25.63 miles Southeast of Artesia, New Mexico, in Eddy County (Figures 1 and 2).

### **Background**

Based on the initial information obtained from Concho Operating, the release was discovered on June 5, 2021. It resulted in the release of a volume of ten (10) barrels of oil, with nine (9) barrels of oil/rainwater recovered. The approximate dimensions of the impacted area on the pad are 135' x 85', 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 1.50 miles Southeast of the site in S22, T18S, R30E. The well has a reported depth to groundwater of 202.40 feet below ground surface (ft bgs). A copy of the associated *Point of Diversion Summary* report is attached in Appendix B.

On August 4, 2021, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 105 ft below ground surface and within a 0.50-mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 105' below the surface. The coordinates for the groundwater determination bore are 32.753095°, -103.970558. See Appendix B for the driller's log.

### **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: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO+DRO).
- Chloride 20,000 mg/kg

### **Site Assessment**

On July 22, 2021, New Tech Global Environmental, LLC conducted site assessment activities to assess the soil impacts resulting from the release. NTGE personnel collected a total of eleven (11) sample points that were advanced to depths ranging surface – 1.0 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.

On August 4, 2021, New Tech Global Environmental, LLC conducted site assessment activities to assess soil impacts resulting from the release. NTGE personnel advanced a hand auger at S-5, S-10, and S-11 to a depth of 3.5 ft bgs. The area of S-9 was advanced to a depth of 4.5 bgs to vertically delineate the sample point below the most stringent thresholds. A total of four (4) horizontal soil samples were collected to a depth of 0-0.5' bgs to delineate the impact horizontally.

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.

All samples collected are below the NMOCD regulatory criteria for TPH, BTEX, and chloride. Refer to Table 1.

### **Conclusions**

Based on the assessment findings and the analytical results, no further actions are required at the site. The final C-141 is attached, and Concho Resources 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

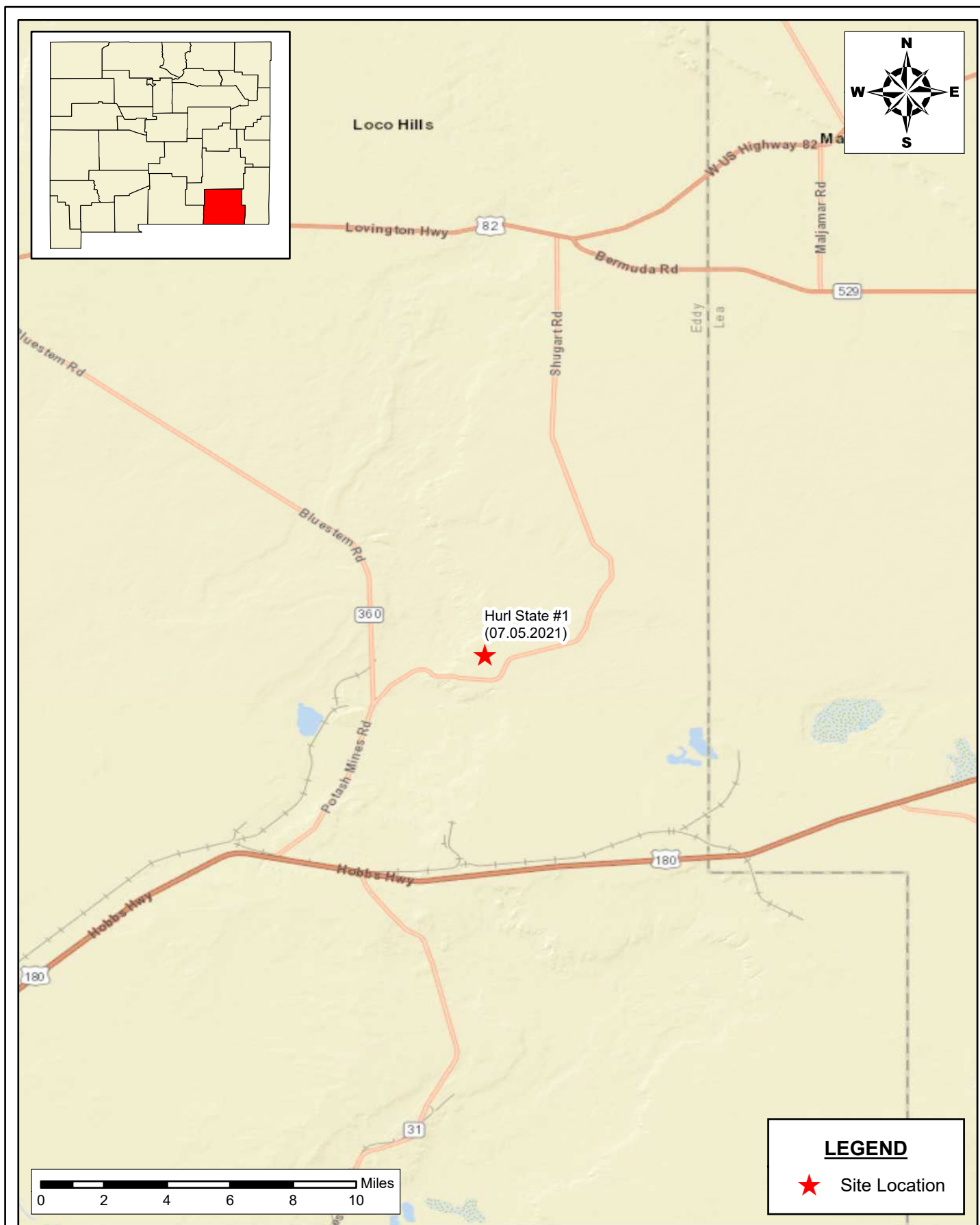


Clinton Merritt  
Project Manager





*Figures*



**LEGEND**

★ Site Location

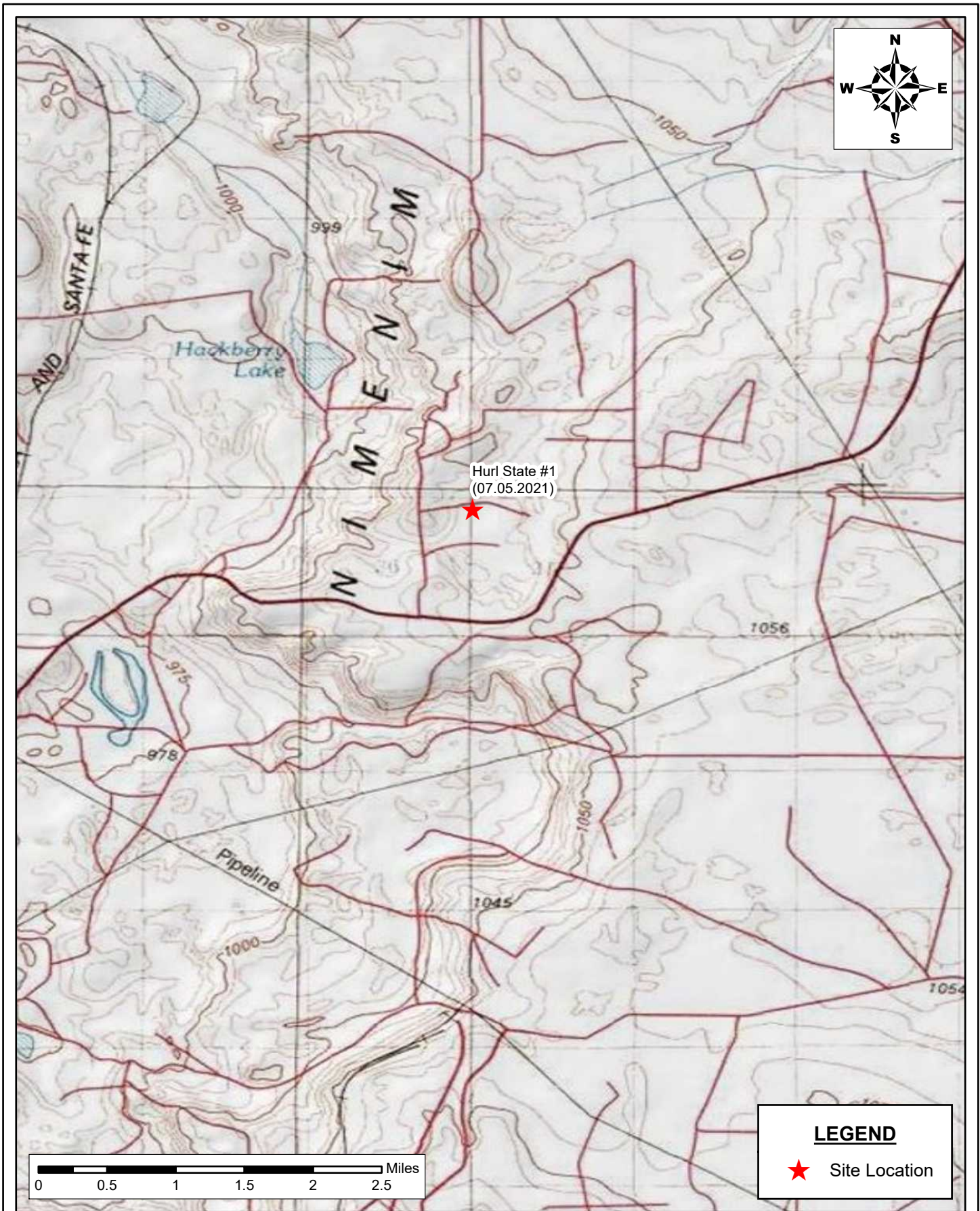
**SITE LOCATION MAP**  
**COG OPERATING, LLC**  
 HURL STATE #1 (07.05.2021)  
 EDDY COUNTY, NEW MEXICO  
 32.753006, -103.970609

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


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

DRAWING NUMBER:  
**FIGURE 1**  
 SHEET NUMBER:  
**1 of 1**

SCALE: As Shown    DATE: 04/21/2021    PROJECT #: 214415



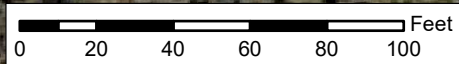
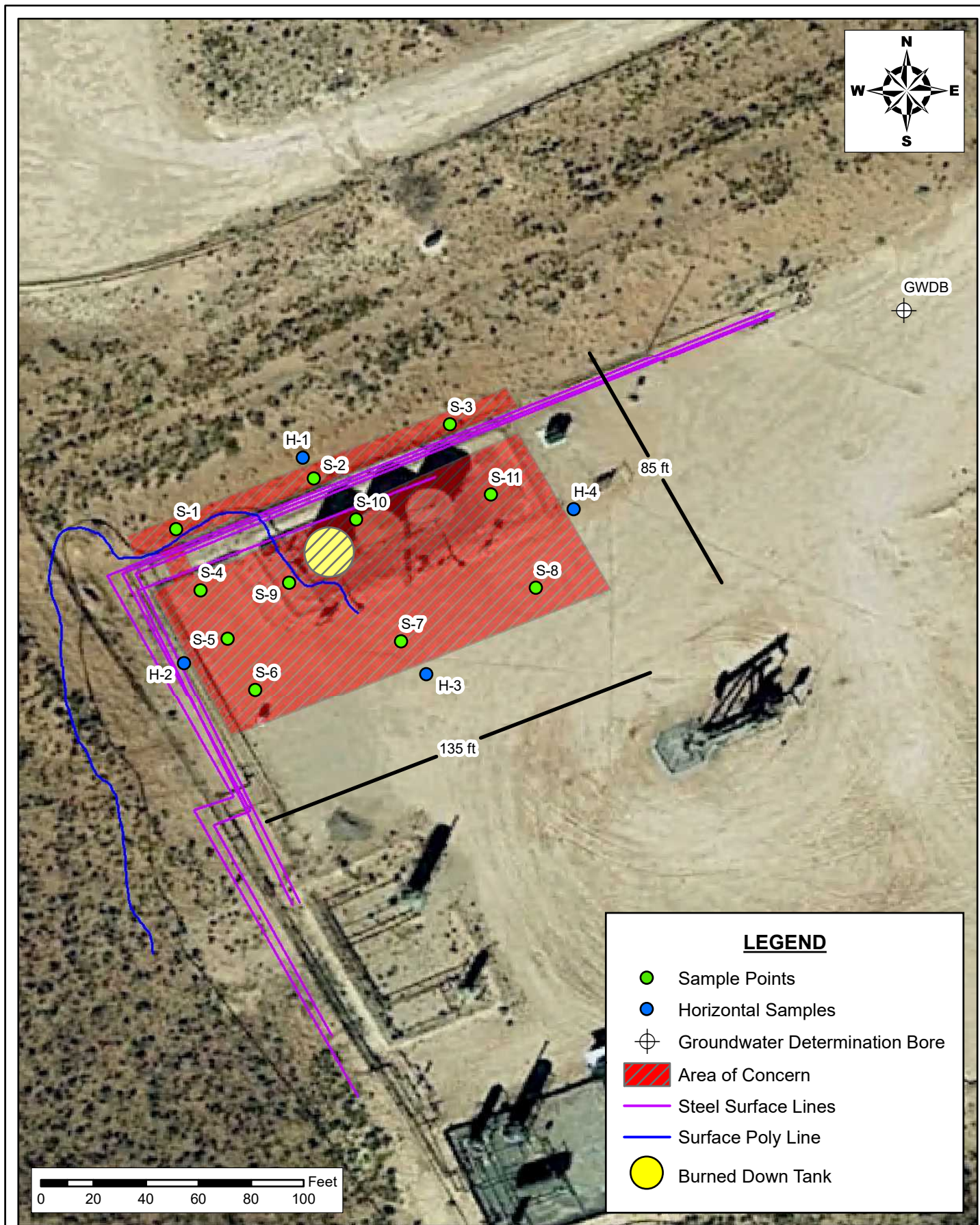
**AREA MAP**  
**COG OPERATING, LLC**  
 HURL STATE #1 (07.05.2021)  
 EDDY COUNTY, NEW MEXICO  
 32.753006, -103.970609

  
**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
 Houston, Texas 77060  
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**NOTES:**  
 1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:  
**FIGURE 2**  
 SHEET NUMBER:  
**1 of 1**





**LEGEND**

- Sample Points
- Horizontal Samples
- ⊕ Groundwater Determination Bore
- Area of Concern
- Steel Surface Lines
- Surface Poly Line
- Burned Down Tank

**SAMPLE LOCATION MAP**  
**COG OPERATING, LLC**  
 HURL STATE #1 (07.05.2021)  
 EDDY COUNTY, NEW MEXICO  
 32.753006, -103.970609

SCALE: As Shown      08/23/2021      PROJECT #: 214415

**NTG**  
 ENVIRONMENTAL

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

**NOTES:**

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

DRAWING NUMBER:  
**FIGURE 3**

SHEET NUMBER:  
**1 of 1**



*Tables*

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**Table 1  
Concho Operating, LLC  
Hurl State #1 (07.05.21)  
Eddy County, New Mexico**

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	7/22/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	27.2
S-2	7/22/2021	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00262	0.00266	<0.00398	0.00528	5.78
S-3	7/22/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7.27
S-4	7/22/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	154
S-5	7/22/2021	0-1	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	745
	8/4/2021	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	111
	8/4/2021	2-2.5	54.9	<49.9	<49.9	54.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	391
	8/4/2021	3-3.5	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	28.9
S-6	7/22/2021	0-1	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	0.00509	0.0169	0.0220	42.7
S-7	7/22/2021	0-1	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	292
S-8	7/22/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	29.6
S-9	7/22/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	8,450
	8/4/2021	1-1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,840
	8/4/2021	2-2.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	639
	8/4/2021	3-3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	348
	8/4/2021	4-4.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	147
S-10	7/22/2021	0-1	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,960
	8/4/2021	1-1.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	241
	8/4/2021	2-2.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	136
	8/4/2021	3-3.5	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	69.3
S-11	7/22/2021	0-1	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,410
	8/4/2021	1-1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	249
	8/4/2021	2-2.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	294
	8/4/2021	3-3.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	69.7
H-1	8/4/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	138
H-2	8/4/2021	-	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	102
H-3	8/4/2021	-	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	10.1
H-4	8/4/2021	-	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	458
<b>Regulatory Limits</b>			<b>1,000 mg/kg</b>			<b>2,500 mg/kg</b>		<b>10 mg/kg</b>			<b>50 mg/kg</b>	<b>20,000 mg/kg</b>

(-) Not Analyzed

A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet



*Photo Log*

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# PHOTOGRAPHIC LOG

## Concho Operating, LLC

### Photograph No. 1

**Facility:** Hurl State #1 (07.05.21)

**County:** Eddy County, New Mexico

**Description:**  
Veiw Northeast, area of samples (1-4) and (10-11)



### Photograph No. 2

**Facility:** Hurl State #1 (07.05.21)

**County:** Eddy County, New Mexico

**Description:**  
Veiw East, area of samples (4-6)



### Photograph No. 3

**Facility:** Hurl State #1 (07.05.21)

**County:** Eddy County, New Mexico

**Description:**  
Veiw Northwest, area of samples of (7-11)







*Appendix A*

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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	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

### Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

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

Cause of Release


State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input type="checkbox"/> 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

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> 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: _____ Title: _____ Signature: <u></u> Date: _____ email: _____ Telephone: _____
<b><u>OCD Only</u></b> Received by: <u>Ramona Marcus</u> Date: <u>7/26/2021</u>

**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 37591

**CONDITIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 37591
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
marcus	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	7/26/2021

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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> 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?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

**Characterization Report Checklist: Each of the following items must be included in the report.**

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

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

Oil Conservation Division

Incident ID	
District RP	
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: Jaques Heredia 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: Jaqueline Novis 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: Chad Hendry Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



*Appendix B*

---



# Groundwater

## Determination Bore

COG Operating, LLC

**Legend**

- 0.50 Mile Radius
- Groundwater Determination Bore
- Hurl State #1 (07.05.2021)



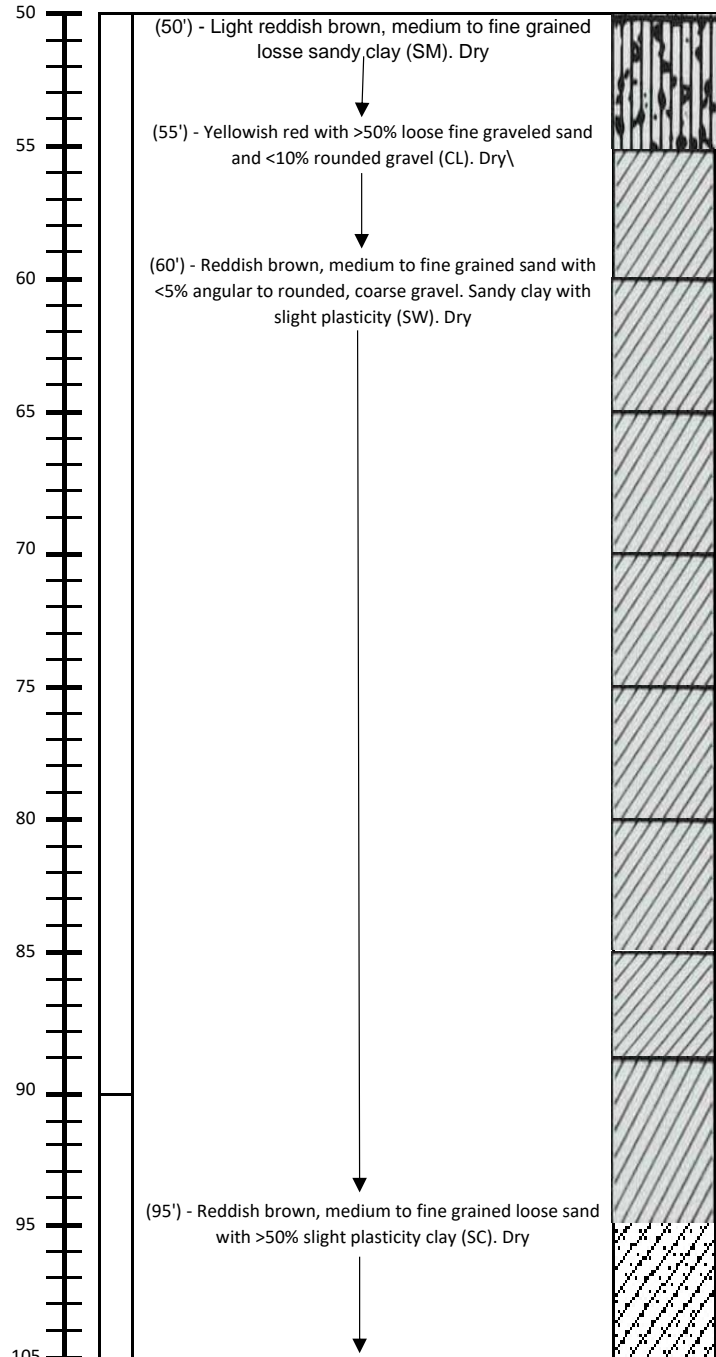
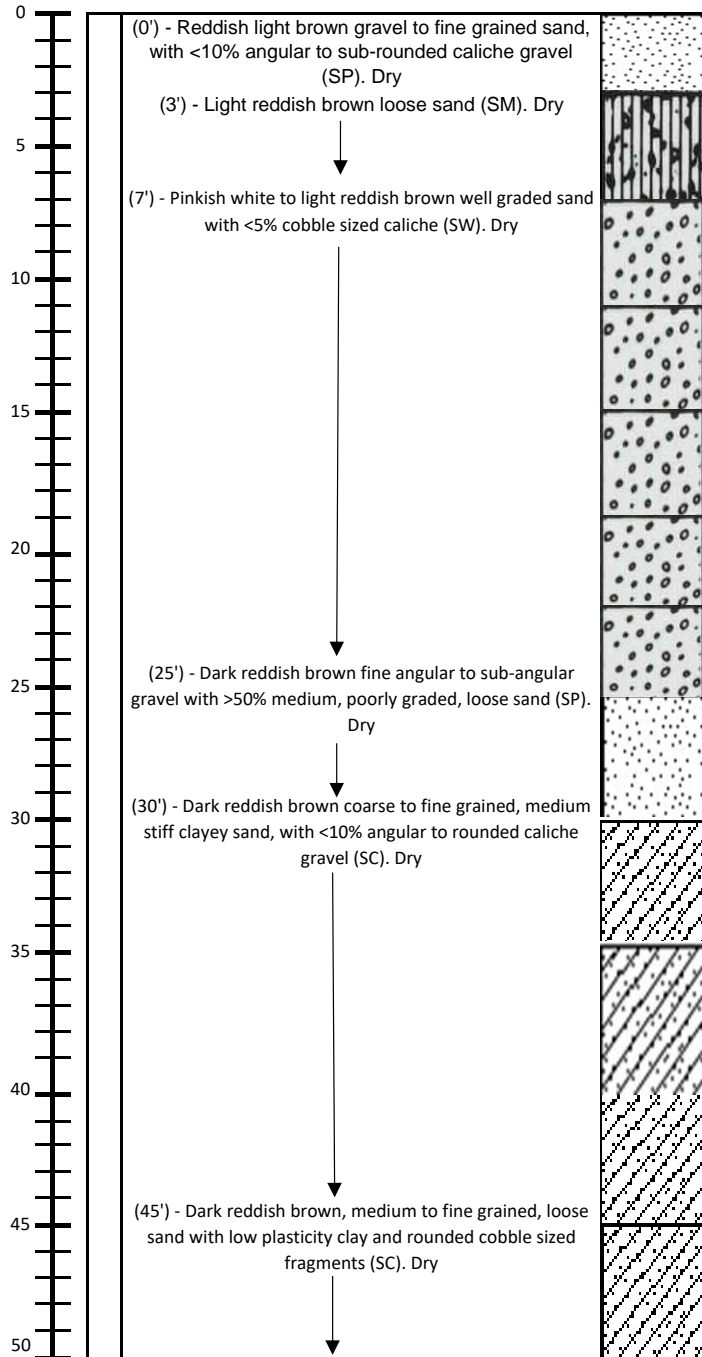
A north arrow pointing upwards and a scale bar labeled '2000 ft' are located in the bottom right corner of the map.





<b>Project Name :</b>	<u>Hurl State 1 (07.05.21)</u>	<b>Date :</b>	<u>Wednesday, August 4, 2021</u>
<b>Project No. :</b>	<u>214415</u>	<b>Sampler :</b>	<u>Nick Hart</u>
<b>Location :</b>	<u>Eddy Co, New Mexico</u>	<b>Driller :</b>	<u>Scarborough Drilling</u>
<b>Coordinates :</b>	<u>32.753095°, -103.970558°</u>	<b>Method :</b>	<u>Air Rotary</u>
<b>Elevation :</b>	<u>3,473'</u>		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
-------------	----	------------------	-----------	-------------	----	------------------	-----------



Comments : Total Depth 105' bgs  
 Drilling Terminated @ 12:00 CT No groundwater present

On 8/9/2021 No groundwater present



### Nearest water well

COG Operating, LLC  
32.753095, -103.970558

**Legend**

- 0.50 Mile Radius
- 1.50 Miles
- 1.76 Miles
- 1.88 Miles
- USGS Water Well
- Hurl State #1 (07.05.2021)



Hurl State #1 (07.05.2021)

202.40' - Drilled 1994

227.03' - Drilled 1990

266.48' - Drilled 1965





# Low Karst

COG Operating, LLC  
32.753095, -103.970558

**Legend**

- Hurl State #1 (07.05.2021)
- LOW



Hurl State #1 (07.05.2021)

Loco Hills

82

529

360

Bluestem-Rd





# 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
<a href="#">CP 00767 POD1</a>	CP	ED		3	2	35	18S	30E		599300	3619158*	500		
<a href="#">CP 00818 POD1</a>	CP	LE		1	4	26	18S	30E		599289	3620364*	240		
<a href="#">CP 00819 POD1</a>	CP	LE		2	4	32	18S	30E		594878	3618720*	150		
<a href="#">CP 00853 POD1</a>	O	CP	ED	2	4	28	18S	30E		596472	3620340*	350		

Average Depth to Water: --  
Minimum Depth: --  
Maximum Depth: --

**Record Count:** 4

**PLSS Search:**

**Township:** 18S      **Range:** 30E

\*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.



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Data Category: Groundwater Geographic Area: New Mexico GO

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Search Results -- 1 sites found

Agency code = usgs  
site\_no list = 324405103572201

Minimum number of levels = 1  
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USGS 324405103572201 18S.30E.22.2110

Eddy County, New Mexico  
Latitude 32°44'05", Longitude 103°57'22" NAD27  
Land-surface elevation 3,420 feet above NAVD88  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measu
1971-04-08			D 62610		3274.41	NGVD29	1	Z		
1971-04-08			D 62611		3275.93	NAVD88	1	Z		
1971-04-08			D 72019	144.07			1	Z		
1976-05-28			D 62610		3204.10	NGVD29	1	Z		
1976-05-28			D 62611		3205.62	NAVD88	1	Z		
1976-05-28			D 72019	214.38			1	Z		
1983-04-12			D 62610		3215.70	NGVD29	1	Z		
1983-04-12			D 62611		3217.22	NAVD88	1	Z		
1983-04-12			D 72019	202.78			1	Z		
1994-03-16			D 62610		3216.08	NGVD29	1	S		
1994-03-16			D 62611		3217.60	NAVD88	1	S		
1994-03-16			D 72019	202.40			1	S		

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	S	Steel-tape measurement.
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.

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**Title: Groundwater for New Mexico: Water Levels**

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0.3 0.27 nadww01



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**Search Results -- 1 sites found**

**Agency code** = usgs  
**site\_no list** = 

- 324405103565801

**Minimum number of levels** = 1  
[Save file of selected sites](#) to local disk for future upload

**USGS 324405103565801 18S.30E.22.2220**

Eddy County, New Mexico  
 Latitude 32°44'05", Longitude 103°56'58" NAD27  
 Land-surface elevation 3,414 feet above NAVD88  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Chinle Formation (231CHNL) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measu
1965-12-09			D 62610		3170.47	NGVD29	1		Z	
1965-12-09			D 62611		3172.00	NAVD88	1		Z	
1965-12-09			D 72019	242.00			1		Z	
1968-03-07			D 62610		3171.67	NGVD29	1		Z	
1968-03-07			D 62611		3173.20	NAVD88	1		Z	
1968-03-07			D 72019	240.80			1		Z	
1971-04-08			D 62610		3173.21	NGVD29	1		Z	
1971-04-08			D 62611		3174.74	NAVD88	1		Z	
1971-04-08			D 72019	239.26			1		Z	
1976-05-28			D 62610		3176.01	NGVD29	1		Z	
1976-05-28			D 62611		3177.54	NAVD88	1		Z	
1976-05-28			D 72019	236.46			1		Z	
1983-04-12			D 62610		3174.09	NGVD29	1		Z	
1983-04-12			D 62611		3175.62	NAVD88	1		Z	
1983-04-12			D 72019	238.38			1		Z	



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
1990-09-25			D 62610		3185.44	NGVD29	1		S	
1990-09-25			D 62611		3186.97	NAVD88	1		S	
1990-09-25			D 72019	227.03			1		S	

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	S	Steel-tape measurement.
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.

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0.28 0.24 nadww02



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**Search Results -- 1 sites found**

Agency code = usgs  
 site\_no list = 

- 324333103580001

Minimum number of levels = 1

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

**USGS 324333103580001 18S.30E.21.4200**

Eddy County, New Mexico  
 Latitude 32°43'33", Longitude 103°58'00" NAD27  
 Land-surface elevation 3,461 feet above NAVD88  
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
 This well is completed in the Chinle Formation (231CHNL) local aquifer.

**Output formats**

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>

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 measu
1965-12-09			D 62610		3193.00	NGVD29	1	Z		
1965-12-09			D 62611		3194.52	NAVD88	1	Z		
1965-12-09			D 72019	266.48			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.

Section	Code	Description
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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



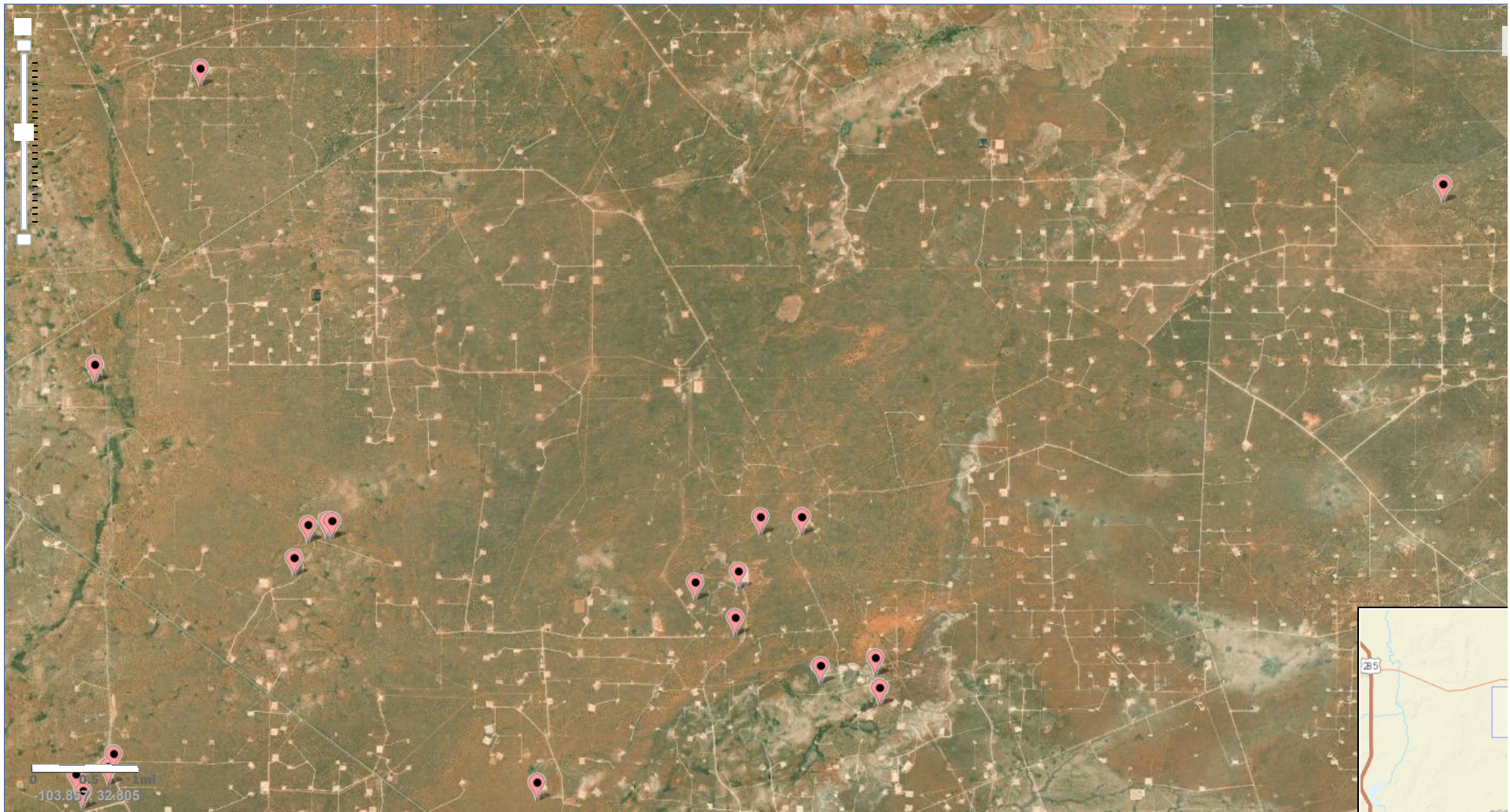
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0.28 0.24 nadww02



National Water Information System: Mapper



Site Information



# NFHL Web Mapping Application

Please select a county ▼



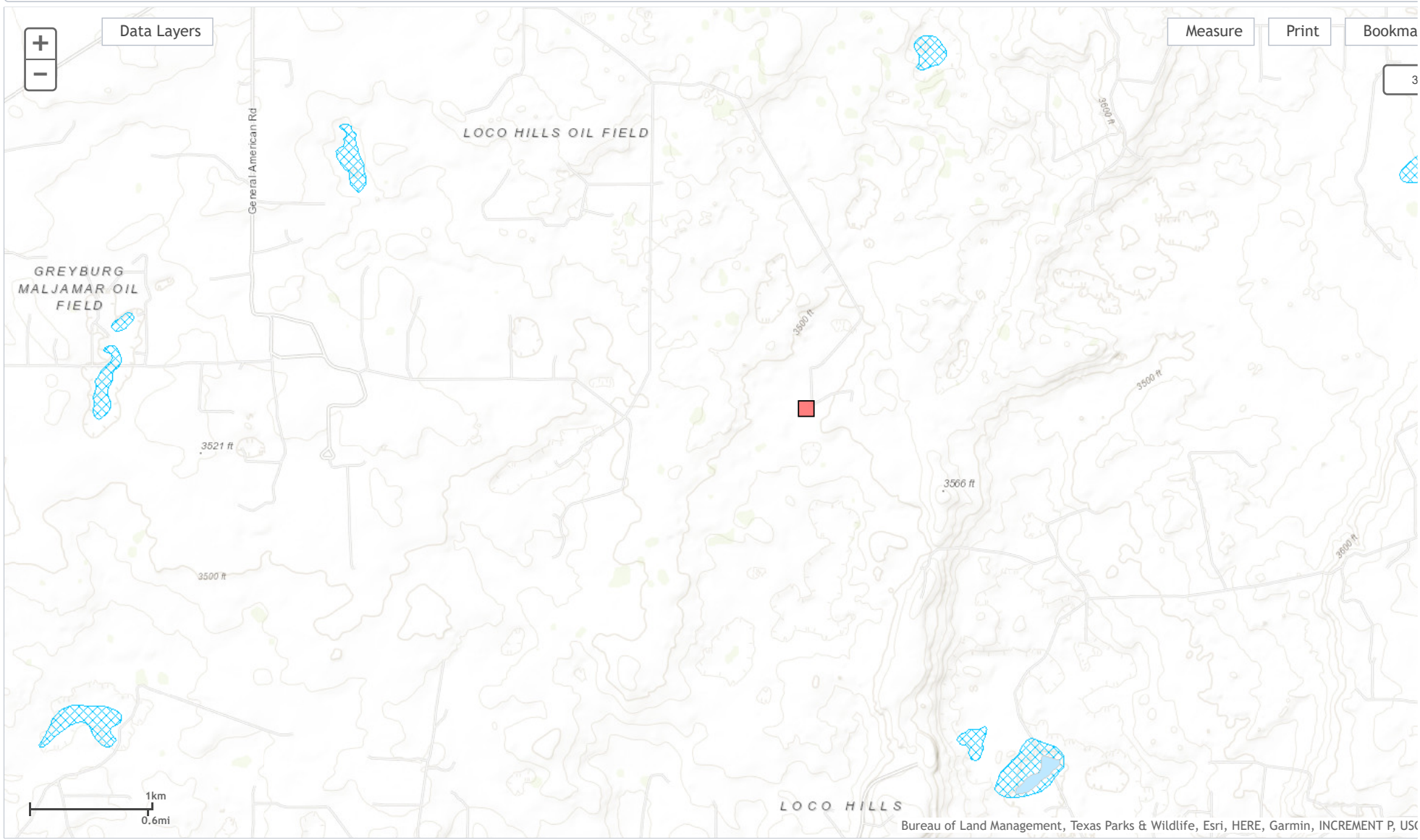
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Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, US



*Appendix C*

---



Environment Testing  
America

## ANALYTICAL REPORT

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

Laboratory Job ID: 880-4328-1  
Laboratory Sample Delivery Group: Eddy Co, NM  
Client Project/Site: Hurl St #1 (07 05 21)

For:  
NT Global  
701 Tradewinds Blvd  
Midland, Texas 79706

Attn: Mike Carmona

Authorized for release by:  
7/29/2021 8:37:31 PM

Jessica Kramer, Project Manager  
(432)704-5440  
[jessica.kramer@eurofinset.com](mailto: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.*

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

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Laboratory Job ID: 880-4328-1  
SDG: Eddy Co, NM

- 1
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## Definitions/Glossary

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

## Qualifiers

## GC VOA

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

## HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

---

**Job ID: 880-4328-1**

---

**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative  
880-4328-1****Comments**

No additional comments.

**Receipt**

The samples were received on 7/26/2021 10:08 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 was 1.5° C.

**GC VOA**

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-2 (0-1') (880-4328-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-5657 and analytical batch 880-5661 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: Surrogate recovery for the following samples were outside control limits: S-4 (0-1') (880-4328-4) and S-10 (0-1') (880-4328-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-5691 and analytical batch 880-5702 were outside control limits. Non-homogeneity is 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**

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

**General Chemistry**

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-5660 and analytical batch 880-5677 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. The associated samples are: S-1 (0-1') (880-4328-1), S-2 (0-1') (880-4328-2), S-3 (0-1') (880-4328-3), S-4 (0-1') (880-4328-4), S-5 (0-1') (880-4328-5), S-6 (0-1') (880-4328-6), S-7 (0-1') (880-4328-7), S-8 (0-1') (880-4328-8), S-9 (0-1') (880-4328-9), S-10 (0-1') (880-4328-10), (880-4328-A-1-B MS) and (880-4328-A-1-C MSD).

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

**Organic Prep**

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

**VOA Prep**

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

## Client Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4328-1

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 10:45	07/26/21 19:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/21 10:45	07/26/21 19:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/21 10:45	07/26/21 19:12	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/26/21 10:45	07/26/21 19:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/21 10:45	07/26/21 19:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/21 10:45	07/26/21 19:12	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/26/21 10:45	07/26/21 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	07/26/21 10:45	07/26/21 19:12	1
1,4-Difluorobenzene (Surr)	110		70 - 130	07/26/21 10:45	07/26/21 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 13:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 13:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 13:58	1
Total TPH	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	07/26/21 13:19	07/29/21 13:58	1
o-Terphenyl	99		70 - 130	07/26/21 13:19	07/29/21 13:58	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.2	F1	4.95		mg/Kg			07/27/21 02:09	1

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

Lab Sample ID: 880-4328-2

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 10:45	07/26/21 19:33	1
Toluene	0.00262		0.00199		mg/Kg		07/26/21 10:45	07/26/21 19:33	1
Ethylbenzene	0.00266		0.00199		mg/Kg		07/26/21 10:45	07/26/21 19:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/26/21 10:45	07/26/21 19:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/21 10:45	07/26/21 19:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/21 10:45	07/26/21 19:33	1
Total BTEX	0.00528		0.00398		mg/Kg		07/26/21 10:45	07/26/21 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	07/26/21 10:45	07/26/21 19:33	1
1,4-Difluorobenzene (Surr)	89		70 - 130	07/26/21 10:45	07/26/21 19:33	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		07/26/21 13:19	07/29/21 15:00	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4328-2

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 13:19	07/29/21 15:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/21 13:19	07/29/21 15:00	1
Total TPH	<49.9	U	49.9		mg/Kg		07/26/21 13:19	07/29/21 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/26/21 13:19	07/29/21 15:00	1
o-Terphenyl	97		70 - 130				07/26/21 13:19	07/29/21 15:00	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.78		5.01		mg/Kg			07/27/21 02:26	1

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

Lab Sample ID: 880-4328-3

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 10:28	07/26/21 13:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/21 10:28	07/26/21 13:53	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		07/26/21 10:28	07/26/21 13:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/26/21 10:28	07/26/21 13:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/21 10:28	07/26/21 13:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/21 10:28	07/26/21 13:53	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		07/26/21 10:28	07/26/21 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				07/26/21 10:28	07/26/21 13:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130				07/26/21 10:28	07/26/21 13:53	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		07/26/21 13:19	07/29/21 15:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 15:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 15:21	1
Total TPH	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				07/26/21 13:19	07/29/21 15:21	1
o-Terphenyl	95		70 - 130				07/26/21 13:19	07/29/21 15:21	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.27		4.95		mg/Kg			07/27/21 02:31	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4328-4

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 10:28	07/26/21 14:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/21 10:28	07/26/21 14:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/21 10:28	07/26/21 14:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/26/21 10:28	07/26/21 14:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/21 10:28	07/26/21 14:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/21 10:28	07/26/21 14:13	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/26/21 10:28	07/26/21 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	07/26/21 10:28	07/26/21 14:13	1
1,4-Difluorobenzene (Surr)	98		70 - 130	07/26/21 10:28	07/26/21 14:13	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		07/26/21 13:19	07/29/21 15:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 15:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 15:42	1
Total TPH	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 15:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	07/26/21 13:19	07/29/21 15:42	1
o-Terphenyl	96		70 - 130	07/26/21 13:19	07/29/21 15:42	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	154		5.00		mg/Kg			07/27/21 02:48	1

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

Lab Sample ID: 880-4328-5

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 10:28	07/26/21 14:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/21 10:28	07/26/21 14:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/21 10:28	07/26/21 14:34	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/26/21 10:28	07/26/21 14:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/21 10:28	07/26/21 14:34	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/26/21 10:28	07/26/21 14:34	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		07/26/21 10:28	07/26/21 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	07/26/21 10:28	07/26/21 14:34	1
1,4-Difluorobenzene (Surr)	97		70 - 130	07/26/21 10:28	07/26/21 14:34	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		07/26/21 13:19	07/29/21 16:02	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4328-5

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 13:19	07/29/21 16:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/21 13:19	07/29/21 16:02	1
Total TPH	<49.8	U	49.8		mg/Kg		07/26/21 13:19	07/29/21 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/26/21 13:19	07/29/21 16:02	1
o-Terphenyl	98		70 - 130				07/26/21 13:19	07/29/21 16:02	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	745		5.03		mg/Kg			07/27/21 02:53	1

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

Lab Sample ID: 880-4328-6

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		07/27/21 11:20	07/27/21 15:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/27/21 11:20	07/27/21 15:41	1
Ethylbenzene	0.00509		0.00201		mg/Kg		07/27/21 11:20	07/27/21 15:41	1
m-Xylene & p-Xylene	0.00951		0.00402		mg/Kg		07/27/21 11:20	07/27/21 15:41	1
o-Xylene	0.00742		0.00201		mg/Kg		07/27/21 11:20	07/27/21 15:41	1
Xylenes, Total	0.0169		0.00402		mg/Kg		07/27/21 11:20	07/27/21 15:41	1
Total BTEX	0.0220		0.00402		mg/Kg		07/27/21 11:20	07/27/21 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				07/27/21 11:20	07/27/21 15:41	1
1,4-Difluorobenzene (Surr)	116		70 - 130				07/27/21 11:20	07/27/21 15:41	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	<49.7	U	49.7		mg/Kg		07/26/21 13:19	07/29/21 16:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		07/26/21 13:19	07/29/21 16:23	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		07/26/21 13:19	07/29/21 16:23	1
Total TPH	<49.7	U	49.7		mg/Kg		07/26/21 13:19	07/29/21 16:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				07/26/21 13:19	07/29/21 16:23	1
o-Terphenyl	99		70 - 130				07/26/21 13:19	07/29/21 16:23	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.7		5.05		mg/Kg			07/27/21 02:59	1

Eurofins Xenco, Midland



## Client Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-4328-7

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 10:28	07/26/21 15:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/21 10:28	07/26/21 15:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/21 10:28	07/26/21 15:14	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/26/21 10:28	07/26/21 15:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/21 10:28	07/26/21 15:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/26/21 10:28	07/26/21 15:14	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		07/26/21 10:28	07/26/21 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	07/26/21 10:28	07/26/21 15:14	1
1,4-Difluorobenzene (Surr)	103		70 - 130	07/26/21 10:28	07/26/21 15:14	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		07/26/21 13:19	07/29/21 16:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/21 13:19	07/29/21 16:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/21 13:19	07/29/21 16:44	1
Total TPH	<49.9	U	49.9		mg/Kg		07/26/21 13:19	07/29/21 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	07/26/21 13:19	07/29/21 16:44	1
o-Terphenyl	94		70 - 130	07/26/21 13:19	07/29/21 16:44	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	292		5.05		mg/Kg			07/27/21 03:04	1

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-4328-8

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 10:28	07/26/21 15:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/21 10:28	07/26/21 15:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/21 10:28	07/26/21 15:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/26/21 10:28	07/26/21 15:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/21 10:28	07/26/21 15:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/21 10:28	07/26/21 15:41	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		07/26/21 10:28	07/26/21 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	07/26/21 10:28	07/26/21 15:41	1
1,4-Difluorobenzene (Surr)	80		70 - 130	07/26/21 10:28	07/26/21 15:41	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	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 17:05	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-4328-8

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 13:19	07/29/21 17:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 17:05	1
Total TPH	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				07/26/21 13:19	07/29/21 17:05	1
o-Terphenyl	101		70 - 130				07/26/21 13:19	07/29/21 17:05	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.6		5.03		mg/Kg			07/27/21 03:09	1

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-4328-9

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 10:28	07/26/21 16:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/21 10:28	07/26/21 16:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/21 10:28	07/26/21 16:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/26/21 10:28	07/26/21 16:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/21 10:28	07/26/21 16:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/21 10:28	07/26/21 16:02	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		07/26/21 10:28	07/26/21 16:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				07/26/21 10:28	07/26/21 16:02	1
1,4-Difluorobenzene (Surr)	95		70 - 130				07/26/21 10:28	07/26/21 16:02	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		07/26/21 13:19	07/29/21 17:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 17:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 17:26	1
Total TPH	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				07/26/21 13:19	07/29/21 17:26	1
o-Terphenyl	94		70 - 130				07/26/21 13:19	07/29/21 17:26	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8450		50.4		mg/Kg			07/27/21 03:15	10

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

Client Sample ID: S-10 (0-1')

Lab Sample ID: 880-4328-10

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 10:28	07/26/21 16:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/21 10:28	07/26/21 16:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/21 10:28	07/26/21 16:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/26/21 10:28	07/26/21 16:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/21 10:28	07/26/21 16:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/21 10:28	07/26/21 16:22	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		07/26/21 10:28	07/26/21 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	07/26/21 10:28	07/26/21 16:22	1
1,4-Difluorobenzene (Surr)	84		70 - 130	07/26/21 10:28	07/26/21 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/21 13:19	07/29/21 17:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/21 13:19	07/29/21 17:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/21 13:19	07/29/21 17:47	1
Total TPH	<49.9	U	49.9		mg/Kg		07/26/21 13:19	07/29/21 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	07/26/21 13:19	07/29/21 17:47	1
o-Terphenyl	93		70 - 130	07/26/21 13:19	07/29/21 17:47	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5960		50.4		mg/Kg			07/27/21 03:20	10

Client Sample ID: S-11 (0-1')

Lab Sample ID: 880-4328-11

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

## 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		07/26/21 10:28	07/26/21 16:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/21 10:28	07/26/21 16:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/21 10:28	07/26/21 16:43	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/26/21 10:28	07/26/21 16:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/21 10:28	07/26/21 16:43	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/26/21 10:28	07/26/21 16:43	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		07/26/21 10:28	07/26/21 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	07/26/21 10:28	07/26/21 16:43	1
1,4-Difluorobenzene (Surr)	100		70 - 130	07/26/21 10:28	07/26/21 16:43	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	<50.0	U	50.0		mg/Kg		07/26/21 16:18	07/28/21 18:54	1

Eurofins Xenco, Midland

### Client Sample Results

Client: NT Global  
 Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
 SDG: Eddy Co, NM

**Client Sample ID: S-11 (0-1')**

**Lab Sample ID: 880-4328-11**

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

**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		07/26/21 16:18	07/28/21 18:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/21 16:18	07/28/21 18:54	1
Total TPH	<50.0	U	50.0		mg/Kg		07/26/21 16:18	07/28/21 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	07/26/21 16:18	07/28/21 18:54	1
o-Terphenyl	102		70 - 130	07/26/21 16:18	07/28/21 18:54	1

**Method: 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		4.99		mg/Kg			07/28/21 21:44	1



## Surrogate Summary

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy 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)
880-4328-1	S-1 (0-1')	107	110
880-4328-2	S-2 (0-1')	126	89
880-4328-3	S-3 (0-1')	104	100
880-4328-3 MS	S-3 (0-1')	123	100
880-4328-3 MSD	S-3 (0-1')	120	92
880-4328-4	S-4 (0-1')	137 S1+	98
880-4328-5	S-5 (0-1')	116	97
880-4328-6	S-6 (0-1')	120	116
880-4328-6 MS	S-6 (0-1')	103	97
880-4328-6 MSD	S-6 (0-1')	126	90
880-4328-7	S-7 (0-1')	106	103
880-4328-8	S-8 (0-1')	128	80
880-4328-9	S-9 (0-1')	109	95
880-4328-10	S-10 (0-1')	142 S1+	84
880-4328-11	S-11 (0-1')	110	100
LCS 880-5606/1-A	Lab Control Sample	87	82
LCS 880-5657/1-A	Lab Control Sample	97	90
LCS 880-5691/1-A	Lab Control Sample	96	94
LCSD 880-5606/2-A	Lab Control Sample Dup	95	116
LCSD 880-5657/2-A	Lab Control Sample Dup	101	89
LCSD 880-5691/2-A	Lab Control Sample Dup	125	105
MB 880-5606/5-A	Method Blank	98	89
MB 880-5657/5-A	Method Blank	113	94
MB 880-5691/5-A	Method Blank	110	94

## 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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-4328-1	S-1 (0-1')	92	99
880-4328-1 MS	S-1 (0-1')	95	91
880-4328-1 MSD	S-1 (0-1')	86	80
880-4328-2	S-2 (0-1')	93	97
880-4328-3	S-3 (0-1')	92	95
880-4328-4	S-4 (0-1')	91	96
880-4328-5	S-5 (0-1')	93	98
880-4328-6	S-6 (0-1')	93	99
880-4328-7	S-7 (0-1')	92	94
880-4328-8	S-8 (0-1')	100	101
880-4328-9	S-9 (0-1')	88	94
880-4328-10	S-10 (0-1')	91	93
880-4328-11	S-11 (0-1')	93	102
LCS 880-5667/2-A	Lab Control Sample	105	107
LCS 880-5671/2-A	Lab Control Sample	91	96

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### Surrogate Summary

Client: NT Global  
 Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
 SDG: Eddy 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)
LCSD 880-5667/3-A	Lab Control Sample Dup	105	107
LCSD 880-5671/3-A	Lab Control Sample Dup	93	100
MB 880-5667/1-A	Method Blank	93	103
MB 880-5671/1-A	Method Blank	86	95

**Surrogate Legend**

1CO = 1-Chlorooctane  
 OTPH = o-Terphenyl

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

### QC Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-5606/5-A  
Matrix: Solid  
Analysis Batch: 5653

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 5606

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/21 09:45	07/26/21 13:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/21 09:45	07/26/21 13:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/21 09:45	07/26/21 13:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/26/21 09:45	07/26/21 13:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/21 09:45	07/26/21 13:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/21 09:45	07/26/21 13:18	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/26/21 09:45	07/26/21 13:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	07/26/21 09:45	07/26/21 13:18	1
1,4-Difluorobenzene (Surr)	89		70 - 130	07/26/21 09:45	07/26/21 13:18	1

Lab Sample ID: LCS 880-5606/1-A  
Matrix: Solid  
Analysis Batch: 5653

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 5606

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1070		mg/Kg		107	70 - 130
Toluene	0.100	0.09196		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09268		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1943		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09253		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: LCSD 880-5606/2-A  
Matrix: Solid  
Analysis Batch: 5653

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 5606

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1033		mg/Kg		103	70 - 130	4	35
Toluene	0.100	0.1068		mg/Kg		107	70 - 130	15	35
Ethylbenzene	0.100	0.09698		mg/Kg		97	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2056		mg/Kg		103	70 - 130	6	35
o-Xylene	0.100	0.09618		mg/Kg		96	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: MB 880-5657/5-A  
Matrix: Solid  
Analysis Batch: 5661

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 5657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/21 10:28	07/26/21 13:24	1

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## QC Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-5657/5-A

Matrix: Solid

Analysis Batch: 5661

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 5657

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/21 10:28	07/26/21 13:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/21 10:28	07/26/21 13:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/26/21 10:28	07/26/21 13:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/21 10:28	07/26/21 13:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/21 10:28	07/26/21 13:24	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/26/21 10:28	07/26/21 13:24	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	113		70 - 130	07/26/21 10:28	07/26/21 13:24	1
1,4-Difluorobenzene (Surr)	94		70 - 130	07/26/21 10:28	07/26/21 13:24	1

Lab Sample ID: LCS 880-5657/1-A

Matrix: Solid

Analysis Batch: 5661

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5657

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	0.100	0.07923		mg/Kg		79	70 - 130
Toluene	0.100	0.08751		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09256		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1838		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09044		mg/Kg		90	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-5657/2-A

Matrix: Solid

Analysis Batch: 5661

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5657

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.08442		mg/Kg		84	70 - 130	6	35
Toluene	0.100	0.09815		mg/Kg		98	70 - 130	11	35
Ethylbenzene	0.100	0.09836		mg/Kg		98	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1970		mg/Kg		98	70 - 130	7	35
o-Xylene	0.100	0.09695		mg/Kg		97	70 - 130	7	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-4328-3 MS

Matrix: Solid

Analysis Batch: 5661

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

Prep Type: Total/NA

Prep Batch: 5657

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U	0.0998	0.1027		mg/Kg		103	70 - 130
Toluene	<0.00200	U	0.0998	0.1125		mg/Kg		113	70 - 130

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### QC Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4328-3 MS

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

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 5661

Prep Batch: 5657

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F1	0.0998	0.1325	F1	mg/Kg		133	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2534		mg/Kg		127	70 - 130
o-Xylene	<0.00200	U	0.0998	0.1220		mg/Kg		122	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-4328-3 MSD

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

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 5661

Prep Batch: 5657

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.08965		mg/Kg		89	70 - 130	14	35
Toluene	<0.00200	U	0.100	0.1022		mg/Kg		102	70 - 130	10	35
Ethylbenzene	<0.00200	U F1	0.100	0.1118		mg/Kg		112	70 - 130	17	35
m-Xylene & p-Xylene	<0.00401	U	0.200	0.2351		mg/Kg		117	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.1110		mg/Kg		111	70 - 130	9	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-5691/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 5702

Prep Batch: 5691

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		07/27/21 11:20	07/27/21 15:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/27/21 11:20	07/27/21 15:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/27/21 11:20	07/27/21 15:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/27/21 11:20	07/27/21 15:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/27/21 11:20	07/27/21 15:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/27/21 11:20	07/27/21 15:12	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		07/27/21 11:20	07/27/21 15:12	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	110		70 - 130	07/27/21 11:20	07/27/21 15:12	1
1,4-Difluorobenzene (Surr)	94		70 - 130	07/27/21 11:20	07/27/21 15:12	1

Lab Sample ID: LCS 880-5691/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 5702

Prep Batch: 5691

Analyte	Spike	Added	LCS	LCS	Unit	D	%Rec	%Rec.
			Result	Qualifier				
Benzene	0.100	0.08956			mg/Kg		90	70 - 130
Toluene	0.100	0.09630			mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1021			mg/Kg		102	70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-5691/1-A

Matrix: Solid

Analysis Batch: 5702

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 5691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
m-Xylene & p-Xylene	0.200	0.2063		mg/Kg		103	70 - 130	
o-Xylene	0.100	0.09720		mg/Kg		97	70 - 130	
<b>Surrogate</b>		<b>LCS %Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>	
4-Bromofluorobenzene (Surr)		96					70 - 130	
1,4-Difluorobenzene (Surr)		94					70 - 130	

Lab Sample ID: LCSD 880-5691/2-A

Matrix: Solid

Analysis Batch: 5702

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 5691

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
									RPD	Limit
Benzene	0.100	0.09634		mg/Kg		96	70 - 130	7	35	
Toluene	0.100	0.1040		mg/Kg		104	70 - 130	8	35	
Ethylbenzene	0.100	0.1275		mg/Kg		128	70 - 130	22	35	
m-Xylene & p-Xylene	0.200	0.2415		mg/Kg		121	70 - 130	16	35	
o-Xylene	0.100	0.1242		mg/Kg		124	70 - 130	24	35	
<b>Surrogate</b>		<b>LCSD %Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>			
4-Bromofluorobenzene (Surr)		125					70 - 130			
1,4-Difluorobenzene (Surr)		105					70 - 130			

Lab Sample ID: 880-4328-6 MS

Matrix: Solid

Analysis Batch: 5702

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

Prep Type: Total/NA

Prep Batch: 5691

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene	<0.00201	U F1	0.101	0.08417		mg/Kg		82	70 - 130	
Toluene	<0.00201	U	0.101	0.08788		mg/Kg		86	70 - 130	
Ethylbenzene	0.00509		0.101	0.09216		mg/Kg		86	70 - 130	
m-Xylene & p-Xylene	0.00951		0.202	0.1872		mg/Kg		88	70 - 130	
o-Xylene	0.00742		0.101	0.08868		mg/Kg		81	70 - 130	
<b>Surrogate</b>		<b>MS %Recovery</b>	<b>MS Qualifier</b>						<b>Limits</b>	
4-Bromofluorobenzene (Surr)		103							70 - 130	
1,4-Difluorobenzene (Surr)		97							70 - 130	

Lab Sample ID: 880-4328-6 MSD

Matrix: Solid

Analysis Batch: 5702

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

Prep Type: Total/NA

Prep Batch: 5691

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
											RPD	Limit
Benzene	<0.00201	U F1	0.0998	0.06296	F1	mg/Kg		62	70 - 130	29	35	
Toluene	<0.00201	U	0.0998	0.07131		mg/Kg		71	70 - 130	21	35	
Ethylbenzene	0.00509		0.0998	0.07635		mg/Kg		71	70 - 130	19	35	
m-Xylene & p-Xylene	0.00951		0.200	0.1578		mg/Kg		74	70 - 130	17	35	
o-Xylene	0.00742		0.0998	0.07875		mg/Kg		71	70 - 130	12	35	

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
 SDG: Eddy Co, NM

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

Lab Sample ID: 880-4328-6 MSD  
 Matrix: Solid  
 Analysis Batch: 5702

Client Sample ID: S-6 (0-1')  
 Prep Type: Total/NA  
 Prep Batch: 5691

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	126		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

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

Lab Sample ID: MB 880-5667/1-A  
 Matrix: Solid  
 Analysis Batch: 5787

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 5667

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 12:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 12:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 12:57	1
Total TPH	<50.0	U	50.0		mg/Kg		07/26/21 13:19	07/29/21 12:57	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	93		70 - 130	07/26/21 13:19	07/29/21 12:57	1
o-Terphenyl	103		70 - 130	07/26/21 13:19	07/29/21 12:57	1

Lab Sample ID: LCS 880-5667/2-A  
 Matrix: Solid  
 Analysis Batch: 5787

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 5667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
							Limit	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	817.7		mg/Kg		82	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	789.1		mg/Kg		79	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	105		70 - 130
o-Terphenyl	107		70 - 130

Lab Sample ID: LCSD 880-5667/3-A  
 Matrix: Solid  
 Analysis Batch: 5787

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 5667

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	Limit
							Limit	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	819.8		mg/Kg		82	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	1000	761.2		mg/Kg		76	70 - 130	4		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	105		70 - 130
o-Terphenyl	107		70 - 130

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
 SDG: Eddy Co, NM

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

Lab Sample ID: 880-4328-1 MS  
 Matrix: Solid  
 Analysis Batch: 5787

Client Sample ID: S-1 (0-1')  
 Prep Type: Total/NA  
 Prep Batch: 5667

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	872.8		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	996	807.6		mg/Kg		81	70 - 130
<b>MS MS</b>									
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	95		70 - 130						
o-Terphenyl	91		70 - 130						

Lab Sample ID: 880-4328-1 MSD  
 Matrix: Solid  
 Analysis Batch: 5787

Client Sample ID: S-1 (0-1')  
 Prep Type: Total/NA  
 Prep Batch: 5667

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	835.2		mg/Kg		84	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	720.9		mg/Kg		72	70 - 130	11	20
<b>MSD MSD</b>											
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	86		70 - 130								
o-Terphenyl	80		70 - 130								

Lab Sample ID: MB 880-5671/1-A  
 Matrix: Solid  
 Analysis Batch: 5739

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 5671

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/21 16:18	07/28/21 11:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/21 16:18	07/28/21 11:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/21 16:18	07/28/21 11:37	1
Total TPH	<50.0	U	50.0		mg/Kg		07/26/21 16:18	07/28/21 11:37	1
<b>MB MB</b>									
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	86		70 - 130	07/26/21 16:18	07/28/21 11:37	1			
o-Terphenyl	95		70 - 130	07/26/21 16:18	07/28/21 11:37	1			

Lab Sample ID: LCS 880-5671/2-A  
 Matrix: Solid  
 Analysis Batch: 5739

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 5671

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	741.4		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	1000	851.3		mg/Kg		85	70 - 130

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
 SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-5671/2-A  
 Matrix: Solid  
 Analysis Batch: 5739

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 5671

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	91		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: LCSD 880-5671/3-A  
 Matrix: Solid  
 Analysis Batch: 5739

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 5671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	772.9		mg/Kg		77	70 - 130	4		20
Diesel Range Organics (Over C10-C28)	1000	897.0		mg/Kg		90	70 - 130	5		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	93		70 - 130
o-Terphenyl	100		70 - 130

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-5660/1-A  
 Matrix: Solid  
 Analysis Batch: 5677

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<5.00	U	5.00		mg/Kg			07/27/21 00:36	1

Lab Sample ID: LCS 880-5660/2-A  
 Matrix: Solid  
 Analysis Batch: 5677

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	
							Limits	RPD
Chloride	250	259.7		mg/Kg		104	90 - 110	

Lab Sample ID: LCSD 880-5660/3-A  
 Matrix: Solid  
 Analysis Batch: 5677

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Chloride	250	260.3		mg/Kg		104	90 - 110	0		20

Lab Sample ID: 880-4328-1 MS  
 Matrix: Solid  
 Analysis Batch: 5677

Client Sample ID: S-1 (0-1')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec.	
				Result	Qualifier				Limits	RPD
Chloride	27.2	F1	248	315.9	F1	mg/Kg		117	90 - 110	

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
 SDG: Eddy Co, NM

#### Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-4328-1 MSD  
 Matrix: Solid  
 Analysis Batch: 5677

Client Sample ID: S-1 (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	27.2	F1	248	314.7	F1	mg/Kg		116	90 - 110	0	20

Lab Sample ID: MB 880-5695/1-A  
 Matrix: Solid  
 Analysis Batch: 5744

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			07/28/21 21:12	1

Lab Sample ID: LCS 880-5695/2-A  
 Matrix: Solid  
 Analysis Batch: 5744

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	249.7		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-5695/3-A  
 Matrix: Solid  
 Analysis Batch: 5744

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	250.4		mg/Kg		100	90 - 110	0	20

## QC Association Summary

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

## GC VOA

## Prep Batch: 5606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-1	S-1 (0-1')	Total/NA	Solid	5035	
880-4328-2	S-2 (0-1')	Total/NA	Solid	5035	
MB 880-5606/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5606/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5606/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

## Analysis Batch: 5653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-1	S-1 (0-1')	Total/NA	Solid	8021B	5606
880-4328-2	S-2 (0-1')	Total/NA	Solid	8021B	5606
MB 880-5606/5-A	Method Blank	Total/NA	Solid	8021B	5606
LCS 880-5606/1-A	Lab Control Sample	Total/NA	Solid	8021B	5606
LCSD 880-5606/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5606

## Prep Batch: 5657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-3	S-3 (0-1')	Total/NA	Solid	5035	
880-4328-4	S-4 (0-1')	Total/NA	Solid	5035	
880-4328-5	S-5 (0-1')	Total/NA	Solid	5035	
880-4328-7	S-7 (0-1')	Total/NA	Solid	5035	
880-4328-8	S-8 (0-1')	Total/NA	Solid	5035	
880-4328-9	S-9 (0-1')	Total/NA	Solid	5035	
880-4328-10	S-10 (0-1')	Total/NA	Solid	5035	
880-4328-11	S-11 (0-1')	Total/NA	Solid	5035	
MB 880-5657/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5657/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-5657/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-4328-3 MS	S-3 (0-1')	Total/NA	Solid	5035	
880-4328-3 MSD	S-3 (0-1')	Total/NA	Solid	5035	

## Analysis Batch: 5661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-3	S-3 (0-1')	Total/NA	Solid	8021B	5657
880-4328-4	S-4 (0-1')	Total/NA	Solid	8021B	5657
880-4328-5	S-5 (0-1')	Total/NA	Solid	8021B	5657
880-4328-7	S-7 (0-1')	Total/NA	Solid	8021B	5657
880-4328-8	S-8 (0-1')	Total/NA	Solid	8021B	5657
880-4328-9	S-9 (0-1')	Total/NA	Solid	8021B	5657
880-4328-10	S-10 (0-1')	Total/NA	Solid	8021B	5657
880-4328-11	S-11 (0-1')	Total/NA	Solid	8021B	5657
MB 880-5657/5-A	Method Blank	Total/NA	Solid	8021B	5657
LCS 880-5657/1-A	Lab Control Sample	Total/NA	Solid	8021B	5657
LCSD 880-5657/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5657
880-4328-3 MS	S-3 (0-1')	Total/NA	Solid	8021B	5657
880-4328-3 MSD	S-3 (0-1')	Total/NA	Solid	8021B	5657

## Prep Batch: 5691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-6	S-6 (0-1')	Total/NA	Solid	5035	
MB 880-5691/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-5691/1-A	Lab Control Sample	Total/NA	Solid	5035	

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## QC Association Summary

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

## GC VOA (Continued)

## Prep Batch: 5691 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-5691/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-4328-6 MS	S-6 (0-1')	Total/NA	Solid	5035	
880-4328-6 MSD	S-6 (0-1')	Total/NA	Solid	5035	

## Analysis Batch: 5702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-6	S-6 (0-1')	Total/NA	Solid	8021B	5691
MB 880-5691/5-A	Method Blank	Total/NA	Solid	8021B	5691
LCS 880-5691/1-A	Lab Control Sample	Total/NA	Solid	8021B	5691
LCSD 880-5691/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	5691
880-4328-6 MS	S-6 (0-1')	Total/NA	Solid	8021B	5691
880-4328-6 MSD	S-6 (0-1')	Total/NA	Solid	8021B	5691

## GC Semi VOA

## Prep Batch: 5667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-4328-2	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-4328-3	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-4328-4	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-4328-5	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-4328-6	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-4328-7	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-4328-8	S-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-4328-9	S-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-4328-10	S-10 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-5667/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5667/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5667/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-4328-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-4328-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

## Prep Batch: 5671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-11	S-11 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-5671/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-5671/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-5671/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 5739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-11	S-11 (0-1')	Total/NA	Solid	8015B NM	5671
MB 880-5671/1-A	Method Blank	Total/NA	Solid	8015B NM	5671
LCS 880-5671/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5671
LCSD 880-5671/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5671

## Analysis Batch: 5787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-1	S-1 (0-1')	Total/NA	Solid	8015B NM	5667
880-4328-2	S-2 (0-1')	Total/NA	Solid	8015B NM	5667

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## QC Association Summary

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

## GC Semi VOA (Continued)

## Analysis Batch: 5787 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-3	S-3 (0-1')	Total/NA	Solid	8015B NM	5667
880-4328-4	S-4 (0-1')	Total/NA	Solid	8015B NM	5667
880-4328-5	S-5 (0-1')	Total/NA	Solid	8015B NM	5667
880-4328-6	S-6 (0-1')	Total/NA	Solid	8015B NM	5667
880-4328-7	S-7 (0-1')	Total/NA	Solid	8015B NM	5667
880-4328-8	S-8 (0-1')	Total/NA	Solid	8015B NM	5667
880-4328-9	S-9 (0-1')	Total/NA	Solid	8015B NM	5667
880-4328-10	S-10 (0-1')	Total/NA	Solid	8015B NM	5667
MB 880-5667/1-A	Method Blank	Total/NA	Solid	8015B NM	5667
LCS 880-5667/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	5667
LCSD 880-5667/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	5667
880-4328-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	5667
880-4328-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	5667

## HPLC/IC

## Leach Batch: 5660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-4328-2	S-2 (0-1')	Soluble	Solid	DI Leach	
880-4328-3	S-3 (0-1')	Soluble	Solid	DI Leach	
880-4328-4	S-4 (0-1')	Soluble	Solid	DI Leach	
880-4328-5	S-5 (0-1')	Soluble	Solid	DI Leach	
880-4328-6	S-6 (0-1')	Soluble	Solid	DI Leach	
880-4328-7	S-7 (0-1')	Soluble	Solid	DI Leach	
880-4328-8	S-8 (0-1')	Soluble	Solid	DI Leach	
880-4328-9	S-9 (0-1')	Soluble	Solid	DI Leach	
880-4328-10	S-10 (0-1')	Soluble	Solid	DI Leach	
MB 880-5660/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5660/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5660/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4328-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-4328-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	

## Analysis Batch: 5677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-1	S-1 (0-1')	Soluble	Solid	300.0	5660
880-4328-2	S-2 (0-1')	Soluble	Solid	300.0	5660
880-4328-3	S-3 (0-1')	Soluble	Solid	300.0	5660
880-4328-4	S-4 (0-1')	Soluble	Solid	300.0	5660
880-4328-5	S-5 (0-1')	Soluble	Solid	300.0	5660
880-4328-6	S-6 (0-1')	Soluble	Solid	300.0	5660
880-4328-7	S-7 (0-1')	Soluble	Solid	300.0	5660
880-4328-8	S-8 (0-1')	Soluble	Solid	300.0	5660
880-4328-9	S-9 (0-1')	Soluble	Solid	300.0	5660
880-4328-10	S-10 (0-1')	Soluble	Solid	300.0	5660
MB 880-5660/1-A	Method Blank	Soluble	Solid	300.0	5660
LCS 880-5660/2-A	Lab Control Sample	Soluble	Solid	300.0	5660
LCSD 880-5660/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5660
880-4328-1 MS	S-1 (0-1')	Soluble	Solid	300.0	5660
880-4328-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	5660

Eurofins Xenco, Midland



### QC Association Summary

Client: NT Global  
 Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
 SDG: Eddy Co, NM

#### HPLC/IC

##### Leach Batch: 5695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-11	S-11 (0-1')	Soluble	Solid	DI Leach	
MB 880-5695/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-5695/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-5695/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

##### Analysis Batch: 5744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4328-11	S-11 (0-1')	Soluble	Solid	300.0	5695
MB 880-5695/1-A	Method Blank	Soluble	Solid	300.0	5695
LCS 880-5695/2-A	Lab Control Sample	Soluble	Solid	300.0	5695
LCSD 880-5695/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	5695

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## Lab Chronicle

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4328-1

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5606	07/26/21 10:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5653	07/26/21 19:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5667	07/26/21 13:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5787	07/29/21 13:58	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5660	07/26/21 10:33	SC	XEN MID
Soluble	Analysis	300.0		1			5677	07/27/21 02:09	SC	XEN MID

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

Lab Sample ID: 880-4328-2

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5606	07/26/21 10:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5653	07/26/21 19:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5667	07/26/21 13:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5787	07/29/21 15:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	5660	07/26/21 10:33	SC	XEN MID
Soluble	Analysis	300.0		1			5677	07/27/21 02:26	SC	XEN MID

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

Lab Sample ID: 880-4328-3

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5657	07/26/21 10:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5661	07/26/21 13:53	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5667	07/26/21 13:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5787	07/29/21 15:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	5660	07/26/21 10:33	SC	XEN MID
Soluble	Analysis	300.0		1			5677	07/27/21 02:31	SC	XEN MID

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

Lab Sample ID: 880-4328-4

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5657	07/26/21 10:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5661	07/26/21 14:13	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	5667	07/26/21 13:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5787	07/29/21 15:42	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	5660	07/26/21 10:33	SC	XEN MID
Soluble	Analysis	300.0		1			5677	07/27/21 02:48	SC	XEN MID

Eurofins Xenco, Midland

## Lab Chronicle

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4328-5

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5657	07/26/21 10:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5661	07/26/21 14:34	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	5667	07/26/21 13:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5787	07/29/21 16:02	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	5660	07/26/21 10:33	SC	XEN MID
Soluble	Analysis	300.0		1			5677	07/27/21 02:53	SC	XEN MID

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

Lab Sample ID: 880-4328-6

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5691	07/27/21 11:20	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5702	07/27/21 15:41	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	5667	07/26/21 13:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5787	07/29/21 16:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	5660	07/26/21 10:33	SC	XEN MID
Soluble	Analysis	300.0		1			5677	07/27/21 02:59	SC	XEN MID

## Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-4328-7

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5657	07/26/21 10:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5661	07/26/21 15:14	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5667	07/26/21 13:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5787	07/29/21 16:44	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	5660	07/26/21 10:33	SC	XEN MID
Soluble	Analysis	300.0		1			5677	07/27/21 03:04	SC	XEN MID

## Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-4328-8

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5657	07/26/21 10:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5661	07/26/21 15:41	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5667	07/26/21 13:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5787	07/29/21 17:05	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	5660	07/26/21 10:33	SC	XEN MID
Soluble	Analysis	300.0		1			5677	07/27/21 03:09	SC	XEN MID

Eurofins Xenco, Midland

## Lab Chronicle

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy Co, NM

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-4328-9

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5657	07/26/21 10:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5661	07/26/21 16:02	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5667	07/26/21 13:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5787	07/29/21 17:26	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5660	07/26/21 10:33	SC	XEN MID
Soluble	Analysis	300.0		10			5677	07/27/21 03:15	SC	XEN MID

Client Sample ID: S-10 (0-1')

Lab Sample ID: 880-4328-10

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5657	07/26/21 10:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5661	07/26/21 16:22	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	5667	07/26/21 13:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5787	07/29/21 17:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	5660	07/26/21 10:33	SC	XEN MID
Soluble	Analysis	300.0		10			5677	07/27/21 03:20	SC	XEN MID

Client Sample ID: S-11 (0-1')

Lab Sample ID: 880-4328-11

Date Collected: 07/22/21 00:00

Matrix: Solid

Date Received: 07/26/21 10:08

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	5657	07/26/21 10:28	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	5661	07/26/21 16:43	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	5671	07/26/21 16:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			5739	07/28/21 18:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	5695	07/27/21 10:07	SC	XEN MID
Soluble	Analysis	300.0		1			5744	07/28/21 21:44	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: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy 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

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### Method Summary

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

Job ID: 880-4328-1  
SDG: Eddy 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



### Sample Summary

Client: NT Global  
Project/Site: Hurl St #1 (07 05 21)

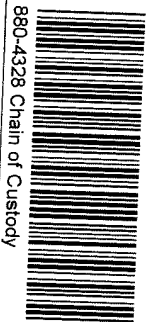
Job ID: 880-4328-1  
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-4328-1	S-1 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08
880-4328-2	S-2 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08
880-4328-3	S-3 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08
880-4328-4	S-4 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08
880-4328-5	S-5 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08
880-4328-6	S-6 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08
880-4328-7	S-7 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08
880-4328-8	S-8 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08
880-4328-9	S-9 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08
880-4328-10	S-10 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08
880-4328-11	S-11 (0-1')	Solid	07/22/21 00:00	07/26/21 10:08

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Chain of Custody



880-4328 Chain of Custody

No: 880-4328

Page 1 of 2

Project Manager:	Mike Carmona	Bill to (if different):	Jacqui Harris
Company Name:	NTG Environmental	Company Name:	COG
Address:	701 Tradewinds Blvd	Address:	15 W London Rd
City, State ZIP:	Midland, TX 79706	City, State ZIP:	Loving, NM 88256
Phone:	432-813-0263	Email:	jacquiharris@conocophillips.com

<b>Work Order Comments</b>	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> P-ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name	Project Number	Project Location	Sampler's Name	PO #	Temp Blank	Cooler Custody Seals	Sample Custody Seals	Total Containers	Turn Around	Due Date	TAT starts the day received by the lab if received by 4:30pm	Wet Ice	Thermometer ID	Correction Factor	Temperature Reading	Corrected Temperature	Pres. Code	ANALYSIS REQUEST			Preservative Codes
																		BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 300 0	
S-1 (0-1')	214415	Hurl St #1 (07 05 21)	Eddy Co. NM	ES	Yes	No	Yes	1	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	72 Hrs		Yes	128	+0.5	1.0	1.5		X	X	X	None NO
S-2 (0-1')					Yes	No	Yes	1				Yes						X	X	X	Cool Cool
S-3 (0-1')					Yes	No	Yes	1				Yes						X	X	X	HCL HC
S-4 (0-1')					Yes	No	Yes	1				Yes						X	X	X	H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub>
S-5 (0-1')					Yes	No	Yes	1				Yes						X	X	X	H <sub>3</sub> PO <sub>4</sub> HP
S-6 (0-1')					Yes	No	Yes	1				Yes						X	X	X	NaHSO <sub>4</sub> NABIS
S-7 (0-1')					Yes	No	Yes	1				Yes						X	X	X	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> NASO <sub>3</sub>
S-8 (0-1')					Yes	No	Yes	1				Yes						X	X	X	Zn Acetate+NaOH Zn
S-9 (0-1')					Yes	No	Yes	1				Yes						X	X	X	NaOH+Ascorbic Acid SAPC
S-10 (0-1')					Yes	No	Yes	1				Yes						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



Chain of Custody

Work Order No: 880-4328

Project Manager	Mike Carmona	Bill to (if different)	Jacqui Harris
Company Name	NTG Environmental	Company Name:	COG
Address	701 Tradewinds Blvd	Address	15 W London Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving, NM 88256
Phone:	432-813-0263	Email	jacquiharris@conocophillips.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name	Project Number	Sampler's Name	PO #	Temp Blank	Received Intact	Cooler Custody Seals	Sample Custody Seals	Total Containers	Turn Around			Pres. Code	ANALYSIS REQUEST	Preservative Codes
									Route	Rush	Due Date			
Hurl St #1 (07 05 21)	214415	Eddy Co, NM	ES	Yes (No)	Yes (No)	Yes (No)	Yes (No)	1.5	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	72 Hrs			
TAT starts the day received by the lab if received by 4:30pm Parameters: BTEX 8021B, TPH 8015M (GRO + DRO + MRO), Chloride 300 0														
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont								
S-11 (0-1')	7/22/2021	-	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 \$55.00 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>[Signature]</i>	7/26/21 1008			

### Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-4328-1

SDG Number: Eddy Co, NM

**Login Number: 4328**

**List Source: Eurofins Xenco, Midland**

**List Number: 1**

**Creator: Phillips, Kerianna**

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 or sample containers
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
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	

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Environment Testing  
America

## ANALYTICAL REPORT

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

Laboratory Job ID: 880-4798-1  
Laboratory Sample Delivery Group: Eddy Co, NM  
Client Project/Site: Hurl State #1 (07.05.21)

For:  
NT Global  
701 Tradewinds Blvd  
Midland, Texas 79706

Attn: Mike Carmona

Authorized for release by:  
8/10/2021 12:04:28 PM

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



### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.eurofinsus.com/Env](http://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.*

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Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Laboratory Job ID: 880-4798-1  
SDG: Eddy Co, NM

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## Definitions/Glossary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.
□	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: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

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**Job ID: 880-4798-1**

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**Laboratory: Eurofins Xenco, Midland**

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**Narrative**

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**Job Narrative**  
**880-4798-1**

**Receipt**

The samples were received on 8/5/2021 10:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

**GC VOA**

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

**GC Semi VOA**

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

**HPLC/IC**

Method 300\_ORGFM\_28D: The laboratory control sample (LCS) associated with preparation batch 880-6114 and analytical batch 880-6262 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4798-1

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/05/21 11:09	08/05/21 21:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/05/21 11:09	08/05/21 21:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/05/21 11:09	08/05/21 21:44	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/05/21 11:09	08/05/21 21:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/05/21 11:09	08/05/21 21:44	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/05/21 11:09	08/05/21 21:44	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/05/21 11:09	08/05/21 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/05/21 11:09	08/05/21 21:44	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/05/21 11:09	08/05/21 21:44	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		08/05/21 12:30	08/05/21 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 15:14	1
Total TPH	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	08/05/21 12:30	08/05/21 15:14	1
o-Terphenyl	94		70 - 130	08/05/21 12:30	08/05/21 15:14	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		4.98		mg/Kg			08/05/21 13:40	1

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

Lab Sample ID: 880-4798-2

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/05/21 11:09	08/05/21 22:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/21 11:09	08/05/21 22:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/21 11:09	08/05/21 22:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/21 11:09	08/05/21 22:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/21 11:09	08/05/21 22:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/21 11:09	08/05/21 22:10	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/05/21 11:09	08/05/21 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	08/05/21 11:09	08/05/21 22:10	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/05/21 11:09	08/05/21 22:10	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	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 16:16	1

Eurofins Xenco, Midland



## Client Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4798-2

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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)	54.9		49.9		mg/Kg		08/05/21 12:30	08/05/21 16:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 16:16	1
Total TPH	54.9		49.9		mg/Kg		08/05/21 12:30	08/05/21 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				08/05/21 12:30	08/05/21 16:16	1
o-Terphenyl	99		70 - 130				08/05/21 12:30	08/05/21 16:16	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	391	*+	4.98		mg/Kg			08/09/21 19:00	1

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

Lab Sample ID: 880-4798-3

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/05/21 11:09	08/05/21 22:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/05/21 11:09	08/05/21 22:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/05/21 11:09	08/05/21 22:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/05/21 11:09	08/05/21 22:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/05/21 11:09	08/05/21 22:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/05/21 11:09	08/05/21 22:36	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/05/21 11:09	08/05/21 22:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/05/21 11:09	08/05/21 22:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/05/21 11:09	08/05/21 22:36	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		08/05/21 12:30	08/05/21 16:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 16:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 16:37	1
Total TPH	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				08/05/21 12:30	08/05/21 16:37	1
o-Terphenyl	98		70 - 130				08/05/21 12:30	08/05/21 16:37	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.9	*+	4.99		mg/Kg			08/09/21 19:14	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

Client Sample ID: S-9 (1-1.5')

Lab Sample ID: 880-4798-4

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/05/21 11:09	08/05/21 23:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 23:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 23:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/05/21 11:09	08/05/21 23:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 23:01	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/05/21 11:09	08/05/21 23:01	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/05/21 11:09	08/05/21 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/05/21 11:09	08/05/21 23:01	1
1,4-Difluorobenzene (Surr)	109		70 - 130	08/05/21 11:09	08/05/21 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 16:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 16:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 16:58	1
Total TPH	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	08/05/21 12:30	08/05/21 16:58	1
o-Terphenyl	110		70 - 130	08/05/21 12:30	08/05/21 16:58	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1840	*+	25.3		mg/Kg			08/10/21 09:06	5

Client Sample ID: S-9 (2-2.5')

Lab Sample ID: 880-4798-5

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/05/21 11:09	08/05/21 23:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/05/21 11:09	08/05/21 23:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/05/21 11:09	08/05/21 23:27	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/05/21 11:09	08/05/21 23:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/05/21 11:09	08/05/21 23:27	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/05/21 11:09	08/05/21 23:27	1
Total BTEX	<0.00403	U	0.00403		mg/Kg		08/05/21 11:09	08/05/21 23:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/05/21 11:09	08/05/21 23:27	1
1,4-Difluorobenzene (Surr)	109		70 - 130	08/05/21 11:09	08/05/21 23:27	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	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 17:19	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

Client Sample ID: S-9 (2-2.5')

Lab Sample ID: 880-4798-5

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/05/21 12:30	08/05/21 17:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 17:19	1
Total TPH	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 17:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				08/05/21 12:30	08/05/21 17:19	1
o-Terphenyl	110		70 - 130				08/05/21 12:30	08/05/21 17:19	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	639	*+	4.97		mg/Kg			08/09/21 19:24	1

Client Sample ID: S-9 (3-3.5')

Lab Sample ID: 880-4798-6

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/06/21 08:30	08/06/21 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/21 08:30	08/06/21 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/06/21 08:30	08/06/21 11:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/06/21 08:30	08/06/21 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/06/21 08:30	08/06/21 11:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/06/21 08:30	08/06/21 11:52	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/06/21 08:30	08/06/21 11:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/06/21 08:30	08/06/21 11:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/06/21 08:30	08/06/21 11:52	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		08/05/21 12:30	08/05/21 17:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 17:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 17:39	1
Total TPH	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/05/21 12:30	08/05/21 17:39	1
o-Terphenyl	115		70 - 130				08/05/21 12:30	08/05/21 17:39	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	348	*+	4.95		mg/Kg			08/09/21 19:29	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

Client Sample ID: S-9 (4-4.5')

Lab Sample ID: 880-4798-7

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/06/21 08:30	08/06/21 12:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/06/21 08:30	08/06/21 12:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/06/21 08:30	08/06/21 12:53	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/06/21 08:30	08/06/21 12:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/06/21 08:30	08/06/21 12:53	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/06/21 08:30	08/06/21 12:53	1
Total BTEX	<0.00396	U	0.00396		mg/Kg		08/06/21 08:30	08/06/21 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/06/21 08:30	08/06/21 12:53	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/06/21 08:30	08/06/21 12:53	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		08/05/21 12:30	08/05/21 18:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 18:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 18:00	1
Total TPH	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	08/05/21 12:30	08/05/21 18:00	1
o-Terphenyl	94		70 - 130	08/05/21 12:30	08/05/21 18:00	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147	+	5.01		mg/Kg			08/09/21 19:44	1

Client Sample ID: S-10 (1-1.5')

Lab Sample ID: 880-4798-8

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/06/21 08:30	08/06/21 13:14	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/06/21 08:30	08/06/21 13:14	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/06/21 08:30	08/06/21 13:14	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/06/21 08:30	08/06/21 13:14	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/06/21 08:30	08/06/21 13:14	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/06/21 08:30	08/06/21 13:14	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/06/21 08:30	08/06/21 13:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/06/21 08:30	08/06/21 13:14	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/06/21 08:30	08/06/21 13:14	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		08/05/21 12:30	08/05/21 18:21	1

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## Client Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

Client Sample ID: S-10 (1-1.5')

Lab Sample ID: 880-4798-8

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/05/21 12:30	08/05/21 18:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 18:21	1
Total TPH	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 18:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/05/21 12:30	08/05/21 18:21	1
o-Terphenyl	118		70 - 130				08/05/21 12:30	08/05/21 18:21	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	241	*+	4.95		mg/Kg			08/09/21 19:49	1

Client Sample ID: S-10 (2-2.5')

Lab Sample ID: 880-4798-9

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/06/21 08:30	08/06/21 13:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/06/21 08:30	08/06/21 13:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/06/21 08:30	08/06/21 13:34	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/06/21 08:30	08/06/21 13:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/06/21 08:30	08/06/21 13:34	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/06/21 08:30	08/06/21 13:34	1
Total BTEX	<0.00397	U	0.00397		mg/Kg		08/06/21 08:30	08/06/21 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				08/06/21 08:30	08/06/21 13:34	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/06/21 08:30	08/06/21 13:34	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		08/05/21 12:30	08/05/21 18:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 18:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 18:42	1
Total TPH	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				08/05/21 12:30	08/05/21 18:42	1
o-Terphenyl	118		70 - 130				08/05/21 12:30	08/05/21 18:42	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136	*+	5.01		mg/Kg			08/09/21 19:54	1

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## Client Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

Client Sample ID: S-10 (3-3.5')

Lab Sample ID: 880-4798-10

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/06/21 08:30	08/06/21 13:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/06/21 08:30	08/06/21 13:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/06/21 08:30	08/06/21 13:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/06/21 08:30	08/06/21 13:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/06/21 08:30	08/06/21 13:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/06/21 08:30	08/06/21 13:54	1
Total BTEX	<0.00404	U	0.00404		mg/Kg		08/06/21 08:30	08/06/21 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/06/21 08:30	08/06/21 13:54	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/06/21 08:30	08/06/21 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 19:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 19:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 19:03	1
Total TPH	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	08/05/21 12:30	08/05/21 19:03	1
o-Terphenyl	108		70 - 130	08/05/21 12:30	08/05/21 19:03	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.3	*+	4.98		mg/Kg			08/09/21 19:59	1

Client Sample ID: S-11 (1-1.5')

Lab Sample ID: 880-4798-11

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/06/21 08:30	08/06/21 14:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/06/21 08:30	08/06/21 14:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/06/21 08:30	08/06/21 14:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/06/21 08:30	08/06/21 14:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/06/21 08:30	08/06/21 14:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/06/21 08:30	08/06/21 14:15	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/06/21 08:30	08/06/21 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/06/21 08:30	08/06/21 14:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/06/21 08:30	08/06/21 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 19:45	1

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## Client Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

Client Sample ID: S-11 (1-1.5')

Lab Sample ID: 880-4798-11

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/05/21 12:30	08/05/21 19:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 19:45	1
Total TPH	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 19:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				08/05/21 12:30	08/05/21 19:45	1
o-Terphenyl	109		70 - 130				08/05/21 12:30	08/05/21 19:45	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	249	*+	4.97		mg/Kg			08/09/21 20:04	1

Client Sample ID: S-11 (2-2.5')

Lab Sample ID: 880-4798-12

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/06/21 08:30	08/06/21 14:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/21 08:30	08/06/21 14:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/06/21 08:30	08/06/21 14:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/06/21 08:30	08/06/21 14:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/06/21 08:30	08/06/21 14:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/06/21 08:30	08/06/21 14:35	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/06/21 08:30	08/06/21 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/06/21 08:30	08/06/21 14:35	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/06/21 08:30	08/06/21 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 20:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 20:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 20:06	1
Total TPH	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 20:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/05/21 12:30	08/05/21 20:06	1
o-Terphenyl	107		70 - 130				08/05/21 12:30	08/05/21 20:06	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	294	*+	4.96		mg/Kg			08/09/21 20:09	1

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## Client Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

Client Sample ID: S-11 (3-3.5')

Lab Sample ID: 880-4798-13

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

## 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		08/06/21 08:30	08/06/21 14:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/06/21 08:30	08/06/21 14:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/06/21 08:30	08/06/21 14:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/06/21 08:30	08/06/21 14:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/06/21 08:30	08/06/21 14:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/06/21 08:30	08/06/21 14:56	1
Total BTEX	<0.00402	U	0.00402		mg/Kg		08/06/21 08:30	08/06/21 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/06/21 08:30	08/06/21 14:56	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/06/21 08:30	08/06/21 14:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 20:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 20:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 20:26	1
Total TPH	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	08/05/21 12:30	08/05/21 20:26	1
o-Terphenyl	102		70 - 130	08/05/21 12:30	08/05/21 20:26	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.7	*+	4.95		mg/Kg			08/09/21 20:24	1

## Surrogate Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy 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)
880-4798-1	S-5 (1-1.5')	104	97
880-4798-2	S-5 (2-2.5')	106	107
880-4798-3	S-5 (3-3.5')	98	99
880-4798-4	S-9 (1-1.5')	113	109
880-4798-5	S-9 (2-2.5')	114	109
880-4798-6	S-9 (3-3.5')	99	100
880-4798-6 MS	S-9 (3-3.5')	105	103
880-4798-6 MSD	S-9 (3-3.5')	113	103
880-4798-7	S-9 (4-4.5')	103	96
880-4798-8	S-10 (1-1.5')	108	97
880-4798-9	S-10 (2-2.5')	116	100
880-4798-10	S-10 (3-3.5')	103	95
880-4798-11	S-11 (1-1.5')	114	99
880-4798-12	S-11 (2-2.5')	112	99
880-4798-13	S-11 (3-3.5')	111	97
880-4800-A-1-B MS	Matrix Spike	99	101
880-4800-A-1-C MSD	Matrix Spike Duplicate	102	107
LCS 880-6111/1-A	Lab Control Sample	96	105
LCS 880-6113/1-A	Lab Control Sample	103	104
LCSD 880-6111/2-A	Lab Control Sample Dup	96	102
LCSD 880-6113/2-A	Lab Control Sample Dup	109	102
MB 880-6111/5-A	Method Blank	65 S1-	84
MB 880-6113/5-A	Method Blank	100	95

**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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-4798-1	S-5 (1-1.5')	89	94
880-4798-1 MS	S-5 (1-1.5')	92	88
880-4798-1 MSD	S-5 (1-1.5')	84	80
880-4798-2	S-5 (2-2.5')	92	99
880-4798-3	S-5 (3-3.5')	88	98
880-4798-4	S-9 (1-1.5')	98	110
880-4798-5	S-9 (2-2.5')	98	110
880-4798-6	S-9 (3-3.5')	103	115
880-4798-7	S-9 (4-4.5')	83	94
880-4798-8	S-10 (1-1.5')	104	118
880-4798-9	S-10 (2-2.5')	108	118
880-4798-10	S-10 (3-3.5')	98	108
880-4798-11	S-11 (1-1.5')	99	109
880-4798-12	S-11 (2-2.5')	101	107
880-4798-13	S-11 (3-3.5')	94	102
LCS 880-6127/2-A	Lab Control Sample	107	110

Eurofins Xenco, Midland

### Surrogate Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy 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)
LCSD 880-6127/3-A	Lab Control Sample Dup	105	110
MB 880-6127/1-A	Method Blank	94	103

**Surrogate Legend**

1CO = 1-Chlorooctane  
OTPH = o-Terphenyl

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



### QC Sample Results

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
 SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-6111/5-A  
 Matrix: Solid  
 Analysis Batch: 6101

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 6111

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/05/21 11:09	08/05/21 13:37	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	08/05/21 11:09	08/05/21 13:37	1
1,4-Difluorobenzene (Surr)	84		70 - 130	08/05/21 11:09	08/05/21 13:37	1

Lab Sample ID: LCS 880-6111/1-A  
 Matrix: Solid  
 Analysis Batch: 6101

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 6111

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	0.100	0.1063		mg/Kg		106	70 - 130
Toluene	0.100	0.1060		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2051		mg/Kg		103	70 - 130
o-Xylene	0.100	0.09999		mg/Kg		100	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-6111/2-A  
 Matrix: Solid  
 Analysis Batch: 6101

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 6111

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.09681		mg/Kg		97	70 - 130	9	35
Toluene	0.100	0.08819		mg/Kg		88	70 - 130	18	35
Ethylbenzene	0.100	0.09337		mg/Kg		93	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1832		mg/Kg		92	70 - 130	11	35
o-Xylene	0.100	0.09085		mg/Kg		91	70 - 130	10	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-4800-A-1-B MS  
 Matrix: Solid  
 Analysis Batch: 6101

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 6111

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U	0.0998	0.08794		mg/Kg		88	70 - 130

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### QC Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4800-A-1-B MS  
Matrix: Solid  
Analysis Batch: 6101

Client Sample ID: Matrix Spike  
Prep Type: Total/NA  
Prep Batch: 6111

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier					Limits
Toluene	<0.00200	U	0.0998	0.08373		mg/Kg		83	70 - 130	
Ethylbenzene	<0.00200	U	0.0998	0.08398		mg/Kg		84	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1615		mg/Kg		80	70 - 130	
o-Xylene	<0.00200	U	0.0998	0.07889		mg/Kg		79	70 - 130	
<b>MS MS</b>										
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
4-Bromofluorobenzene (Surr)	99		70 - 130							
1,4-Difluorobenzene (Surr)	101		70 - 130							

Lab Sample ID: 880-4800-A-1-C MSD  
Matrix: Solid  
Analysis Batch: 6101

Client Sample ID: Matrix Spike Duplicate  
Prep Type: Total/NA  
Prep Batch: 6111

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier	Added	Result	Qualifier						Limit
Benzene	<0.00200	U	0.100	0.09308		mg/Kg		92	70 - 130	6 35	
Toluene	<0.00200	U	0.100	0.09479		mg/Kg		93	70 - 130	12 35	
Ethylbenzene	<0.00200	U	0.100	0.08534		mg/Kg		85	70 - 130	2 35	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1653		mg/Kg		82	70 - 130	2 35	
o-Xylene	<0.00200	U	0.100	0.08159		mg/Kg		81	70 - 130	3 35	
<b>MSD MSD</b>											
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
4-Bromofluorobenzene (Surr)	102		70 - 130								
1,4-Difluorobenzene (Surr)	107		70 - 130								

Lab Sample ID: MB 880-6113/5-A  
Matrix: Solid  
Analysis Batch: 6155

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 6113

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/06/21 08:30	08/06/21 11:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/06/21 08:30	08/06/21 11:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/06/21 08:30	08/06/21 11:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/06/21 08:30	08/06/21 11:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/06/21 08:30	08/06/21 11:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/06/21 08:30	08/06/21 11:30	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/06/21 08:30	08/06/21 11:30	1
<b>MB MB</b>									
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>	<b>Prepared</b>		<b>Analyzed</b>		<b>Dil Fac</b>	
4-Bromofluorobenzene (Surr)	100		70 - 130	08/06/21 08:30		08/06/21 11:30		1	
1,4-Difluorobenzene (Surr)	95		70 - 130	08/06/21 08:30		08/06/21 11:30		1	

Lab Sample ID: LCS 880-6113/1-A  
Matrix: Solid  
Analysis Batch: 6155

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 6113

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
Benzene	0.100	0.09719		mg/Kg		97	70 - 130
Toluene	0.100	0.09121		mg/Kg		91	70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-6113/1-A

Matrix: Solid

Analysis Batch: 6155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6113

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.08775		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1759		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08785		mg/Kg		88	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-6113/2-A

Matrix: Solid

Analysis Batch: 6155

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6113

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
Benzene	0.100	0.09179		mg/Kg		92	70 - 130	6	35
Toluene	0.100	0.08879		mg/Kg		89	70 - 130	3	35
Ethylbenzene	0.100	0.08570		mg/Kg		86	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1737		mg/Kg		87	70 - 130	1	35
o-Xylene	0.100	0.08695		mg/Kg		87	70 - 130	1	35

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

Lab Sample ID: 880-4798-6 MS

Matrix: Solid

Analysis Batch: 6155

Client Sample ID: S-9 (3-3.5')

Prep Type: Total/NA

Prep Batch: 6113

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.101	0.08200		mg/Kg		81	70 - 130
Toluene	<0.00200	U	0.101	0.07626		mg/Kg		75	70 - 130
Ethylbenzene	<0.00200	U	0.101	0.07275		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.202	0.1466		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U	0.101	0.07333		mg/Kg		73	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-4798-6 MSD

Matrix: Solid

Analysis Batch: 6155

Client Sample ID: S-9 (3-3.5')

Prep Type: Total/NA

Prep Batch: 6113

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
										RPD	Limit
Benzene	<0.00200	U	0.0994	0.07877		mg/Kg		79	70 - 130	4	35
Toluene	<0.00200	U	0.0994	0.07611		mg/Kg		77	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.0994	0.07282		mg/Kg		73	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1487		mg/Kg		75	70 - 130	1	35
o-Xylene	<0.00200	U	0.0994	0.07554		mg/Kg		76	70 - 130	3	35

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
 SDG: Eddy Co, NM

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

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-6127/1-A  
 Matrix: Solid  
 Analysis Batch: 6125

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 6127

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 14:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 14:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 14:12	1
Total TPH	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 14:12	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	94		70 - 130	08/05/21 12:30	08/05/21 14:12	1
o-Terphenyl	103		70 - 130	08/05/21 12:30	08/05/21 14:12	1

Lab Sample ID: LCS 880-6127/2-A  
 Matrix: Solid  
 Analysis Batch: 6125

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 6127

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane	107		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: LCSD 880-6127/3-A  
 Matrix: Solid  
 Analysis Batch: 6125

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 6127

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	829.5		mg/Kg		83	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	1000	1065		mg/Kg		106	70 - 130	0	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane	105		70 - 130
o-Terphenyl	110		70 - 130

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
 SDG: Eddy Co, NM

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

Lab Sample ID: 880-4798-1 MS  
 Matrix: Solid  
 Analysis Batch: 6125

Client Sample ID: S-5 (1-1.5')  
 Prep Type: Total/NA  
 Prep Batch: 6127

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	911.2		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1025		mg/Kg		103	70 - 130
		<i>MS</i>	<i>MS</i>						
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>						
1-Chlorooctane	92		70 - 130						
o-Terphenyl	88		70 - 130						

Lab Sample ID: 880-4798-1 MSD  
 Matrix: Solid  
 Analysis Batch: 6125

Client Sample ID: S-5 (1-1.5')  
 Prep Type: Total/NA  
 Prep Batch: 6127

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	863.1		mg/Kg		85	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	940.0		mg/Kg		94	70 - 130	9	20
		<i>MSD</i>	<i>MSD</i>								
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>								
1-Chlorooctane	84		70 - 130								
o-Terphenyl	80		70 - 130								

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6112/1-A  
 Matrix: Solid  
 Analysis Batch: 6128

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			08/05/21 13:24	1

Lab Sample ID: LCS 880-6112/2-A  
 Matrix: Solid  
 Analysis Batch: 6128

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	259.2		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-6112/3-A  
 Matrix: Solid  
 Analysis Batch: 6128

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	258.3		mg/Kg		103	90 - 110	0	20

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
 SDG: Eddy Co, NM

**Method: 300.0 - Anions, Ion Chromatography (Continued)**

**Lab Sample ID: 880-4798-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 6128**

**Client Sample ID: S-5 (1-1.5')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	111		249	375.7		mg/Kg		106	90 - 110

**Lab Sample ID: 880-4798-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 6128**

**Client Sample ID: S-5 (1-1.5')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	111		249	367.2		mg/Kg		103	90 - 110	2	20

**Lab Sample ID: MB 880-6114/1-A**  
**Matrix: Solid**  
**Analysis Batch: 6262**

**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			08/09/21 18:45	1

**Lab Sample ID: LCS 880-6114/2-A**  
**Matrix: Solid**  
**Analysis Batch: 6262**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Soluble**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	293.4	*+	mg/Kg		117	90 - 110

**Lab Sample ID: LCSD 880-6114/3-A**  
**Matrix: Solid**  
**Analysis Batch: 6262**

**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	295.4	*+	mg/Kg		118	90 - 110	1	20

**Lab Sample ID: 880-4798-2 MS**  
**Matrix: Solid**  
**Analysis Batch: 6262**

**Client Sample ID: S-5 (2-2.5')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	391	*+	249	645.0		mg/Kg		102	90 - 110

**Lab Sample ID: 880-4798-2 MSD**  
**Matrix: Solid**  
**Analysis Batch: 6262**

**Client Sample ID: S-5 (2-2.5')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	391	*+	249	620.9		mg/Kg		92	90 - 110	4	20

**Lab Sample ID: 880-4798-12 MS**  
**Matrix: Solid**  
**Analysis Batch: 6262**

**Client Sample ID: S-11 (2-2.5')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	294	*+	248	528.3		mg/Kg		95	90 - 110

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
 SDG: Eddy Co, NM

**Method: 300.0 - Anions, Ion Chromatography**

Lab Sample ID: 880-4798-12 MSD  
 Matrix: Solid  
 Analysis Batch: 6262

Client Sample ID: S-11 (2-2.5')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	294	*+	248	535.6		mg/Kg		98	90 - 110	1	20

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- 6
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- 8
- 9
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## QC Association Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

## GC VOA

## Analysis Batch: 6101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-1	S-5 (1-1.5')	Total/NA	Solid	8021B	6111
880-4798-2	S-5 (2-2.5')	Total/NA	Solid	8021B	6111
880-4798-3	S-5 (3-3.5')	Total/NA	Solid	8021B	6111
880-4798-4	S-9 (1-1.5')	Total/NA	Solid	8021B	6111
880-4798-5	S-9 (2-2.5')	Total/NA	Solid	8021B	6111
MB 880-6111/5-A	Method Blank	Total/NA	Solid	8021B	6111
LCS 880-6111/1-A	Lab Control Sample	Total/NA	Solid	8021B	6111
LCSD 880-6111/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6111
880-4800-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	6111
880-4800-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	6111

## Prep Batch: 6111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-1	S-5 (1-1.5')	Total/NA	Solid	5035	
880-4798-2	S-5 (2-2.5')	Total/NA	Solid	5035	
880-4798-3	S-5 (3-3.5')	Total/NA	Solid	5035	
880-4798-4	S-9 (1-1.5')	Total/NA	Solid	5035	
880-4798-5	S-9 (2-2.5')	Total/NA	Solid	5035	
MB 880-6111/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6111/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6111/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-4800-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-4800-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Prep Batch: 6113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-6	S-9 (3-3.5')	Total/NA	Solid	5035	
880-4798-7	S-9 (4-4.5')	Total/NA	Solid	5035	
880-4798-8	S-10 (1-1.5')	Total/NA	Solid	5035	
880-4798-9	S-10 (2-2.5')	Total/NA	Solid	5035	
880-4798-10	S-10 (3-3.5')	Total/NA	Solid	5035	
880-4798-11	S-11 (1-1.5')	Total/NA	Solid	5035	
880-4798-12	S-11 (2-2.5')	Total/NA	Solid	5035	
880-4798-13	S-11 (3-3.5')	Total/NA	Solid	5035	
MB 880-6113/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6113/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6113/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-4798-6 MS	S-9 (3-3.5')	Total/NA	Solid	5035	
880-4798-6 MSD	S-9 (3-3.5')	Total/NA	Solid	5035	

## Analysis Batch: 6155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-6	S-9 (3-3.5')	Total/NA	Solid	8021B	6113
880-4798-7	S-9 (4-4.5')	Total/NA	Solid	8021B	6113
880-4798-8	S-10 (1-1.5')	Total/NA	Solid	8021B	6113
880-4798-9	S-10 (2-2.5')	Total/NA	Solid	8021B	6113
880-4798-10	S-10 (3-3.5')	Total/NA	Solid	8021B	6113
880-4798-11	S-11 (1-1.5')	Total/NA	Solid	8021B	6113
880-4798-12	S-11 (2-2.5')	Total/NA	Solid	8021B	6113
880-4798-13	S-11 (3-3.5')	Total/NA	Solid	8021B	6113
MB 880-6113/5-A	Method Blank	Total/NA	Solid	8021B	6113

Eurofins Xenco, Midland

## QC Association Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

## GC VOA (Continued)

## Analysis Batch: 6155 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-6113/1-A	Lab Control Sample	Total/NA	Solid	8021B	6113
LCSD 880-6113/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6113
880-4798-6 MS	S-9 (3-3.5')	Total/NA	Solid	8021B	6113
880-4798-6 MSD	S-9 (3-3.5')	Total/NA	Solid	8021B	6113

## GC Semi VOA

## Analysis Batch: 6125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-1	S-5 (1-1.5')	Total/NA	Solid	8015B NM	6127
880-4798-2	S-5 (2-2.5')	Total/NA	Solid	8015B NM	6127
880-4798-3	S-5 (3-3.5')	Total/NA	Solid	8015B NM	6127
880-4798-4	S-9 (1-1.5')	Total/NA	Solid	8015B NM	6127
880-4798-5	S-9 (2-2.5')	Total/NA	Solid	8015B NM	6127
880-4798-6	S-9 (3-3.5')	Total/NA	Solid	8015B NM	6127
880-4798-7	S-9 (4-4.5')	Total/NA	Solid	8015B NM	6127
880-4798-8	S-10 (1-1.5')	Total/NA	Solid	8015B NM	6127
880-4798-9	S-10 (2-2.5')	Total/NA	Solid	8015B NM	6127
880-4798-10	S-10 (3-3.5')	Total/NA	Solid	8015B NM	6127
880-4798-11	S-11 (1-1.5')	Total/NA	Solid	8015B NM	6127
880-4798-12	S-11 (2-2.5')	Total/NA	Solid	8015B NM	6127
880-4798-13	S-11 (3-3.5')	Total/NA	Solid	8015B NM	6127
MB 880-6127/1-A	Method Blank	Total/NA	Solid	8015B NM	6127
LCS 880-6127/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6127
LCSD 880-6127/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6127
880-4798-1 MS	S-5 (1-1.5')	Total/NA	Solid	8015B NM	6127
880-4798-1 MSD	S-5 (1-1.5')	Total/NA	Solid	8015B NM	6127

## Prep Batch: 6127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-1	S-5 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-4798-2	S-5 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-4798-3	S-5 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-4798-4	S-9 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-4798-5	S-9 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-4798-6	S-9 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-4798-7	S-9 (4-4.5')	Total/NA	Solid	8015NM Prep	
880-4798-8	S-10 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-4798-9	S-10 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-4798-10	S-10 (3-3.5')	Total/NA	Solid	8015NM Prep	
880-4798-11	S-11 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-4798-12	S-11 (2-2.5')	Total/NA	Solid	8015NM Prep	
880-4798-13	S-11 (3-3.5')	Total/NA	Solid	8015NM Prep	
MB 880-6127/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6127/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6127/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-4798-1 MS	S-5 (1-1.5')	Total/NA	Solid	8015NM Prep	
880-4798-1 MSD	S-5 (1-1.5')	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

## QC Association Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

## HPLC/IC

## Leach Batch: 6112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-1	S-5 (1-1.5')	Soluble	Solid	DI Leach	
MB 880-6112/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6112/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6112/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4798-1 MS	S-5 (1-1.5')	Soluble	Solid	DI Leach	
880-4798-1 MSD	S-5 (1-1.5')	Soluble	Solid	DI Leach	

## Leach Batch: 6114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-2	S-5 (2-2.5')	Soluble	Solid	DI Leach	
880-4798-3	S-5 (3-3.5')	Soluble	Solid	DI Leach	
880-4798-4	S-9 (1-1.5')	Soluble	Solid	DI Leach	
880-4798-5	S-9 (2-2.5')	Soluble	Solid	DI Leach	
880-4798-6	S-9 (3-3.5')	Soluble	Solid	DI Leach	
880-4798-7	S-9 (4-4.5')	Soluble	Solid	DI Leach	
880-4798-8	S-10 (1-1.5')	Soluble	Solid	DI Leach	
880-4798-9	S-10 (2-2.5')	Soluble	Solid	DI Leach	
880-4798-10	S-10 (3-3.5')	Soluble	Solid	DI Leach	
880-4798-11	S-11 (1-1.5')	Soluble	Solid	DI Leach	
880-4798-12	S-11 (2-2.5')	Soluble	Solid	DI Leach	
880-4798-13	S-11 (3-3.5')	Soluble	Solid	DI Leach	
MB 880-6114/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6114/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6114/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4798-2 MS	S-5 (2-2.5')	Soluble	Solid	DI Leach	
880-4798-2 MSD	S-5 (2-2.5')	Soluble	Solid	DI Leach	
880-4798-12 MS	S-11 (2-2.5')	Soluble	Solid	DI Leach	
880-4798-12 MSD	S-11 (2-2.5')	Soluble	Solid	DI Leach	

## Analysis Batch: 6128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-1	S-5 (1-1.5')	Soluble	Solid	300.0	6112
MB 880-6112/1-A	Method Blank	Soluble	Solid	300.0	6112
LCS 880-6112/2-A	Lab Control Sample	Soluble	Solid	300.0	6112
LCSD 880-6112/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6112
880-4798-1 MS	S-5 (1-1.5')	Soluble	Solid	300.0	6112
880-4798-1 MSD	S-5 (1-1.5')	Soluble	Solid	300.0	6112

## Analysis Batch: 6262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-2	S-5 (2-2.5')	Soluble	Solid	300.0	6114
880-4798-3	S-5 (3-3.5')	Soluble	Solid	300.0	6114
880-4798-4	S-9 (1-1.5')	Soluble	Solid	300.0	6114
880-4798-5	S-9 (2-2.5')	Soluble	Solid	300.0	6114
880-4798-6	S-9 (3-3.5')	Soluble	Solid	300.0	6114
880-4798-7	S-9 (4-4.5')	Soluble	Solid	300.0	6114
880-4798-8	S-10 (1-1.5')	Soluble	Solid	300.0	6114
880-4798-9	S-10 (2-2.5')	Soluble	Solid	300.0	6114
880-4798-10	S-10 (3-3.5')	Soluble	Solid	300.0	6114
880-4798-11	S-11 (1-1.5')	Soluble	Solid	300.0	6114
880-4798-12	S-11 (2-2.5')	Soluble	Solid	300.0	6114

Eurofins Xenco, Midland



### QC Association Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

#### HPLC/IC (Continued)

#### Analysis Batch: 6262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4798-13	S-11 (3-3.5')	Soluble	Solid	300.0	6114
MB 880-6114/1-A	Method Blank	Soluble	Solid	300.0	6114
LCS 880-6114/2-A	Lab Control Sample	Soluble	Solid	300.0	6114
LCSD 880-6114/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6114
880-4798-2 MS	S-5 (2-2.5')	Soluble	Solid	300.0	6114
880-4798-2 MSD	S-5 (2-2.5')	Soluble	Solid	300.0	6114
880-4798-12 MS	S-11 (2-2.5')	Soluble	Solid	300.0	6114
880-4798-12 MSD	S-11 (2-2.5')	Soluble	Solid	300.0	6114

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## Lab Chronicle

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4798-1

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6111	08/05/21 11:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6101	08/05/21 21:44	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 15:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6112	08/05/21 11:10	CH	XEN MID
Soluble	Analysis	300.0		1			6128	08/05/21 13:40	CH	XEN MID

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

Lab Sample ID: 880-4798-2

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6111	08/05/21 11:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6101	08/05/21 22:10	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 16:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 19:00	CH	XEN MID

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

Lab Sample ID: 880-4798-3

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6111	08/05/21 11:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6101	08/05/21 22:36	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 16:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 19:14	CH	XEN MID

## Client Sample ID: S-9 (1-1.5')

Lab Sample ID: 880-4798-4

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6111	08/05/21 11:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6101	08/05/21 23:01	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 16:58	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		5			6262	08/10/21 09:06	CH	XEN MID

Eurofins Xenco, Midland

## Lab Chronicle

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

## Client Sample ID: S-9 (2-2.5')

Lab Sample ID: 880-4798-5

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6111	08/05/21 11:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6101	08/05/21 23:27	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 17:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 19:24	CH	XEN MID

## Client Sample ID: S-9 (3-3.5')

Lab Sample ID: 880-4798-6

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6113	08/06/21 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6155	08/06/21 11:52	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 17:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 19:29	CH	XEN MID

## Client Sample ID: S-9 (4-4.5')

Lab Sample ID: 880-4798-7

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6113	08/06/21 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6155	08/06/21 12:53	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 18:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 19:44	CH	XEN MID

## Client Sample ID: S-10 (1-1.5')

Lab Sample ID: 880-4798-8

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6113	08/06/21 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6155	08/06/21 13:14	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 18:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 19:49	CH	XEN MID

Eurofins Xenco, Midland

## Lab Chronicle

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

## Client Sample ID: S-10 (2-2.5')

Lab Sample ID: 880-4798-9

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6113	08/06/21 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6155	08/06/21 13:34	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 18:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 19:54	CH	XEN MID

## Client Sample ID: S-10 (3-3.5')

Lab Sample ID: 880-4798-10

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6113	08/06/21 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6155	08/06/21 13:54	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 19:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 19:59	CH	XEN MID

## Client Sample ID: S-11 (1-1.5')

Lab Sample ID: 880-4798-11

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6113	08/06/21 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6155	08/06/21 14:15	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 19:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 20:04	CH	XEN MID

## Client Sample ID: S-11 (2-2.5')

Lab Sample ID: 880-4798-12

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6113	08/06/21 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6155	08/06/21 14:35	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 20:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 20:09	CH	XEN MID

Eurofins Xenco, Midland

### Lab Chronicle

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
 SDG: Eddy Co, NM

**Client Sample ID: S-11 (3-3.5')**

**Lab Sample ID: 880-4798-13**

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:45

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	6113	08/06/21 08:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6155	08/06/21 14:56	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 20:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 20:24	CH	XEN MID

**Laboratory References:**

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

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### Accreditation/Certification Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy 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

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### Method Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy 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



### Sample Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4798-1  
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-4798-1	S-5 (1-1.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-2	S-5 (2-2.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-3	S-5 (3-3.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-4	S-9 (1-1.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-5	S-9 (2-2.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-6	S-9 (3-3.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-7	S-9 (4-4.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-8	S-10 (1-1.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-9	S-10 (2-2.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-10	S-10 (3-3.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-11	S-11 (1-1.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-12	S-11 (2-2.5')	Solid	08/04/21 00:00	08/05/21 10:45
880-4798-13	S-11 (3-3.5')	Solid	08/04/21 00:00	08/05/21 10:45

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Chain of Custody



880-4798 Chain of Custody

rk Order No: 4798

Page 1 of 2

Project Manager	Mike Carrona	Bill to: (if different)	Jacqui Harris
Company Name:	NTG Environmental	Company Name:	COG
Address:	701 Tradewinds Blvd	Address:	15 W Loving Rd
City, State ZIP	Midland, TX 79706	City, State ZIP:	Loving NM 88256
Phone:	432-312-7736	Email:	jacquiharris@conocophillips.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name:	Hurt State #1 (07 05 21)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	214415	Due Date	72 Hrs		
Project Location	Eddy Co. NM	TAT starts the day received by the lab if received by 4:30pm			
Sampler's Name:	NH				
PO #:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 300 0	
S-5 (1-1 5)	8/4/2021		X		G	1	X	X	X	
S-5 (2-2 5)	8/4/2021		X		G	1	X	X	X	
S-5 (3-3 5)	8/4/2021		X		G	1	X	X	X	
S-9 (1-1 5)	8/4/2021		X		G	1	X	X	X	
S-9 (2-2 5)	8/4/2021		X		G	1	X	X	X	
S-9 (3-3 5)	8/4/2021		X		G	1	X	X	X	
S-9 (4-4 5)	8/4/2021		X		G	1	X	X	X	
S-10 (1-1 5)	8/4/2021		X		G	1	X	X	X	
S-10 (2-2 5)	8/4/2021		X		G	1	X	X	X	
S-10 (3-3 5)	8/4/2021		X		G	1	X	X	X	

Additional Comments:

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

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Gene McHenry</i>	<i>KJV</i>	8/5/21 1041			



### Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-4798-1

SDG Number: Eddy Co, NM

**Login Number: 4798**

**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 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	

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Environment Testing  
America

## ANALYTICAL REPORT

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

Laboratory Job ID: 880-4799-1  
Laboratory Sample Delivery Group: Eddy Co, NM  
Client Project/Site: Hurl State #1 (07.05.21)

For:  
NT Global  
701 Tradewinds Blvd  
Midland, Texas 79706

Attn: Mike Carmona

Authorized for release by:  
8/10/2021 11:59:46 AM

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



### LINKS

Review your project  
results through  
**Total Access**

Have a Question?



Visit us at:  
[www.eurofinsus.com/Env](http://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.*

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Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Laboratory Job ID: 880-4799-1  
SDG: Eddy Co, NM

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## Definitions/Glossary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy Co, NM

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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.
□	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: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy Co, NM

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**Job ID: 880-4799-1**

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**Laboratory: Eurofins Xenco, Midland**

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**Narrative**

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**Job Narrative**  
**880-4799-1**

**Receipt**

The samples were received on 8/5/2021 10:46 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

**GC VOA**

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

**GC Semi VOA**

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

**HPLC/IC**

Method 300\_ORGFM\_28D: The laboratory control sample (LCS) associated with preparation batch 880-6114 and analytical batch 880-6262 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4799-1

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:46

## 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		08/05/21 11:09	08/05/21 20:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 20:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 20:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/05/21 11:09	08/05/21 20:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 20:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/05/21 11:09	08/05/21 20:01	1
Total BTEX	<0.00399	U	0.00399		mg/Kg		08/05/21 11:09	08/05/21 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	08/05/21 11:09	08/05/21 20:01	1
1,4-Difluorobenzene (Surr)	105		70 - 130	08/05/21 11:09	08/05/21 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 20:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 20:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 20:47	1
Total TPH	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 20:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	08/05/21 12:30	08/05/21 20:47	1
o-Terphenyl	96		70 - 130	08/05/21 12:30	08/05/21 20:47	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138	*+	4.95		mg/Kg			08/09/21 20:29	1

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

Lab Sample ID: 880-4799-2

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:46

## 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		08/05/21 11:09	08/05/21 20:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/05/21 11:09	08/05/21 20:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/05/21 11:09	08/05/21 20:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/05/21 11:09	08/05/21 20:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/05/21 11:09	08/05/21 20:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/05/21 11:09	08/05/21 20:27	1
Total BTEX	<0.00398	U	0.00398		mg/Kg		08/05/21 11:09	08/05/21 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	08/05/21 11:09	08/05/21 20:27	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/05/21 11:09	08/05/21 20:27	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	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 21:08	1

Eurofins Xenco, Midland

## Client Sample Results

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4799-2

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:46

## 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		08/05/21 12:30	08/05/21 21:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 21:08	1
Total TPH	<49.8	U	49.8		mg/Kg		08/05/21 12:30	08/05/21 21:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				08/05/21 12:30	08/05/21 21:08	1
o-Terphenyl	93		70 - 130				08/05/21 12:30	08/05/21 21:08	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102	*+	5.04		mg/Kg			08/09/21 20:44	1

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

Lab Sample ID: 880-4799-3

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:46

## 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		08/05/21 11:09	08/05/21 20:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 20:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 20:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/21 11:09	08/05/21 20:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 20:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/21 11:09	08/05/21 20:52	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/05/21 11:09	08/05/21 20:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				08/05/21 11:09	08/05/21 20:52	1
1,4-Difluorobenzene (Surr)	103		70 - 130				08/05/21 11:09	08/05/21 20:52	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		08/05/21 12:30	08/05/21 21:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 21:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 21:29	1
Total TPH	<49.9	U	49.9		mg/Kg		08/05/21 12:30	08/05/21 21:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130				08/05/21 12:30	08/05/21 21:29	1
o-Terphenyl	96		70 - 130				08/05/21 12:30	08/05/21 21:29	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.1	*+	5.00		mg/Kg			08/09/21 20:49	1

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### Client Sample Results

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
 SDG: Eddy Co, NM

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

**Lab Sample ID: 880-4799-4**

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:46

**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		08/05/21 11:09	08/05/21 21:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 21:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 21:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/05/21 11:09	08/05/21 21:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 21:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/05/21 11:09	08/05/21 21:18	1
Total BTEX	<0.00401	U	0.00401		mg/Kg		08/05/21 11:09	08/05/21 21:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	08/05/21 11:09	08/05/21 21:18	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/05/21 11:09	08/05/21 21:18	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	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 21:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 21:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 21:50	1
Total TPH	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 21:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	08/05/21 12:30	08/05/21 21:50	1
o-Terphenyl	92		70 - 130	08/05/21 12:30	08/05/21 21:50	1

**Method: 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	458	*+	4.98		mg/Kg			08/09/21 20:54	1



## Surrogate Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy 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)
880-4799-1	H-1 (0-6")	119	105
880-4799-2	H-2 (0-6")	116	103
880-4799-3	H-3 (0-6")	104	103
880-4799-4	H-4 (0-6")	116	106
880-4800-A-1-B MS	Matrix Spike	99	101
880-4800-A-1-C MSD	Matrix Spike Duplicate	102	107
LCS 880-6111/1-A	Lab Control Sample	96	105
LCSD 880-6111/2-A	Lab Control Sample Dup	96	102
MB 880-6111/5-A	Method Blank	65 S1-	84

## 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)
880-4798-A-1-F MS	Matrix Spike	92	88
880-4798-A-1-G MSD	Matrix Spike Duplicate	84	80
880-4799-1	H-1 (0-6")	89	96
880-4799-2	H-2 (0-6")	86	93
880-4799-3	H-3 (0-6")	94	96
880-4799-4	H-4 (0-6")	85	92
LCS 880-6127/2-A	Lab Control Sample	107	110
LCSD 880-6127/3-A	Lab Control Sample Dup	105	110
MB 880-6127/1-A	Method Blank	94	103

## Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

### QC Sample Results

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
 SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-6111/5-A  
 Matrix: Solid  
 Analysis Batch: 6101

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 6111

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/05/21 11:09	08/05/21 13:37	1
Total BTEX	<0.00400	U	0.00400		mg/Kg		08/05/21 11:09	08/05/21 13:37	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	65	S1-	70 - 130	08/05/21 11:09	08/05/21 13:37	1
1,4-Difluorobenzene (Surr)	84		70 - 130	08/05/21 11:09	08/05/21 13:37	1

Lab Sample ID: LCS 880-6111/1-A  
 Matrix: Solid  
 Analysis Batch: 6101

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 6111

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	0.100	0.1063		mg/Kg		106	70 - 130
Toluene	0.100	0.1060		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2051		mg/Kg		103	70 - 130
o-Xylene	0.100	0.09999		mg/Kg		100	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-6111/2-A  
 Matrix: Solid  
 Analysis Batch: 6101

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 6111

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.09681		mg/Kg		97	70 - 130	9	35
Toluene	0.100	0.08819		mg/Kg		88	70 - 130	18	35
Ethylbenzene	0.100	0.09337		mg/Kg		93	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1832		mg/Kg		92	70 - 130	11	35
o-Xylene	0.100	0.09085		mg/Kg		91	70 - 130	10	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-4800-A-1-B MS  
 Matrix: Solid  
 Analysis Batch: 6101

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 6111

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U	0.0998	0.08794		mg/Kg		88	70 - 130

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
 SDG: Eddy Co, NM

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

Lab Sample ID: 880-4800-A-1-B MS  
 Matrix: Solid  
 Analysis Batch: 6101

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 6111

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier					Limits
Toluene	<0.00200	U	0.0998	0.08373		mg/Kg		83	70 - 130	
Ethylbenzene	<0.00200	U	0.0998	0.08398		mg/Kg		84	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1615		mg/Kg		80	70 - 130	
o-Xylene	<0.00200	U	0.0998	0.07889		mg/Kg		79	70 - 130	
		<b>MS</b>	<b>MS</b>							
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
4-Bromofluorobenzene (Surr)	99		70 - 130							
1,4-Difluorobenzene (Surr)	101		70 - 130							

Lab Sample ID: 880-4800-A-1-C MSD  
 Matrix: Solid  
 Analysis Batch: 6101

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 6111

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier					
Benzene	<0.00200	U	0.100	0.09308		mg/Kg		92	70 - 130	6 35
Toluene	<0.00200	U	0.100	0.09479		mg/Kg		93	70 - 130	12 35
Ethylbenzene	<0.00200	U	0.100	0.08534		mg/Kg		85	70 - 130	2 35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1653		mg/Kg		82	70 - 130	2 35
o-Xylene	<0.00200	U	0.100	0.08159		mg/Kg		81	70 - 130	3 35
		<b>MSD</b>	<b>MSD</b>							
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
4-Bromofluorobenzene (Surr)	102		70 - 130							
1,4-Difluorobenzene (Surr)	107		70 - 130							

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

Lab Sample ID: MB 880-6127/1-A  
 Matrix: Solid  
 Analysis Batch: 6125

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 6127

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 14:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 14:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 14:12	1
Total TPH	<50.0	U	50.0		mg/Kg		08/05/21 12:30	08/05/21 14:12	1
		<b>MB</b>	<b>MB</b>						
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>	<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>			
1-Chlorooctane	94		70 - 130	08/05/21 12:30	08/05/21 14:12	1			
o-Terphenyl	103		70 - 130	08/05/21 12:30	08/05/21 14:12	1			

Lab Sample ID: LCS 880-6127/2-A  
 Matrix: Solid  
 Analysis Batch: 6125

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 6127

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	970.8		mg/Kg		97	70 - 130

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
 SDG: Eddy Co, NM

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

**Lab Sample ID: LCS 880-6127/2-A**  
**Matrix: Solid**  
**Analysis Batch: 6125**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 6127**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics (Over C10-C28)	1000	1066		mg/Kg		107	70 - 130
<b>Surrogate</b>		<b>LCS %Recovery</b>	<b>LCS Qualifier</b>				<b>Limits</b>
1-Chlorooctane		107					70 - 130
o-Terphenyl		110					70 - 130

**Lab Sample ID: LCSD 880-6127/3-A**  
**Matrix: Solid**  
**Analysis Batch: 6125**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 6127**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	829.5		mg/Kg		83	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	1000	1065		mg/Kg		106	70 - 130	0	20
<b>Surrogate</b>		<b>LCSD %Recovery</b>	<b>LCSD Qualifier</b>				<b>Limits</b>		
1-Chlorooctane		105					70 - 130		
o-Terphenyl		110					70 - 130		

**Lab Sample ID: 880-4798-A-1-F MS**  
**Matrix: Solid**  
**Analysis Batch: 6125**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 6127**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	911.2		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	1025		mg/Kg		103	70 - 130
<b>Surrogate</b>				<b>MS %Recovery</b>	<b>MS Qualifier</b>				<b>Limits</b>
1-Chlorooctane				92					70 - 130
o-Terphenyl				88					70 - 130

**Lab Sample ID: 880-4798-A-1-G MSD**  
**Matrix: Solid**  
**Analysis Batch: 6125**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 6127**

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	863.1		mg/Kg		85	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	940.0		mg/Kg		94	70 - 130	9	20
<b>Surrogate</b>				<b>MSD %Recovery</b>	<b>MSD Qualifier</b>				<b>Limits</b>		
1-Chlorooctane				84					70 - 130		
o-Terphenyl				80					70 - 130		

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### QC Sample Results

Client: NT Global  
 Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
 SDG: Eddy Co, NM

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6114/1-A  
 Matrix: Solid  
 Analysis Batch: 6262

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			08/09/21 18:45	1

Lab Sample ID: LCS 880-6114/2-A  
 Matrix: Solid  
 Analysis Batch: 6262

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	293.4	*+	mg/Kg		117	90 - 110

Lab Sample ID: LCSD 880-6114/3-A  
 Matrix: Solid  
 Analysis Batch: 6262

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	295.4	*+	mg/Kg		118	90 - 110	1	20

Lab Sample ID: 880-4798-A-12-C MS  
 Matrix: Solid  
 Analysis Batch: 6262

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	294	*+	248	528.3		mg/Kg		95	90 - 110

Lab Sample ID: 880-4798-A-12-D MSD  
 Matrix: Solid  
 Analysis Batch: 6262

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	294	*+	248	535.6		mg/Kg		98	90 - 110	1	20

## QC Association Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy Co, NM

## GC VOA

## Analysis Batch: 6101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4799-1	H-1 (0-6")	Total/NA	Solid	8021B	6111
880-4799-2	H-2 (0-6")	Total/NA	Solid	8021B	6111
880-4799-3	H-3 (0-6")	Total/NA	Solid	8021B	6111
880-4799-4	H-4 (0-6")	Total/NA	Solid	8021B	6111
MB 880-6111/5-A	Method Blank	Total/NA	Solid	8021B	6111
LCS 880-6111/1-A	Lab Control Sample	Total/NA	Solid	8021B	6111
LCSD 880-6111/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6111
880-4800-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	6111
880-4800-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	6111

## Prep Batch: 6111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4799-1	H-1 (0-6")	Total/NA	Solid	5035	6111
880-4799-2	H-2 (0-6")	Total/NA	Solid	5035	6111
880-4799-3	H-3 (0-6")	Total/NA	Solid	5035	6111
880-4799-4	H-4 (0-6")	Total/NA	Solid	5035	6111
MB 880-6111/5-A	Method Blank	Total/NA	Solid	5035	6111
LCS 880-6111/1-A	Lab Control Sample	Total/NA	Solid	5035	6111
LCSD 880-6111/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	6111
880-4800-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	6111
880-4800-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	6111

## GC Semi VOA

## Analysis Batch: 6125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4799-1	H-1 (0-6")	Total/NA	Solid	8015B NM	6127
880-4799-2	H-2 (0-6")	Total/NA	Solid	8015B NM	6127
880-4799-3	H-3 (0-6")	Total/NA	Solid	8015B NM	6127
880-4799-4	H-4 (0-6")	Total/NA	Solid	8015B NM	6127
MB 880-6127/1-A	Method Blank	Total/NA	Solid	8015B NM	6127
LCS 880-6127/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6127
LCSD 880-6127/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6127
880-4798-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	6127
880-4798-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	6127

## Prep Batch: 6127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4799-1	H-1 (0-6")	Total/NA	Solid	8015NM Prep	6127
880-4799-2	H-2 (0-6")	Total/NA	Solid	8015NM Prep	6127
880-4799-3	H-3 (0-6")	Total/NA	Solid	8015NM Prep	6127
880-4799-4	H-4 (0-6")	Total/NA	Solid	8015NM Prep	6127
MB 880-6127/1-A	Method Blank	Total/NA	Solid	8015NM Prep	6127
LCS 880-6127/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	6127
LCSD 880-6127/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	6127
880-4798-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	6127
880-4798-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	6127

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## QC Association Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy Co, NM

## HPLC/IC

## Leach Batch: 6114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4799-1	H-1 (0-6")	Soluble	Solid	DI Leach	
880-4799-2	H-2 (0-6")	Soluble	Solid	DI Leach	
880-4799-3	H-3 (0-6")	Soluble	Solid	DI Leach	
880-4799-4	H-4 (0-6")	Soluble	Solid	DI Leach	
MB 880-6114/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6114/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6114/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4798-A-12-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-4798-A-12-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Analysis Batch: 6262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-4799-1	H-1 (0-6")	Soluble	Solid	300.0	6114
880-4799-2	H-2 (0-6")	Soluble	Solid	300.0	6114
880-4799-3	H-3 (0-6")	Soluble	Solid	300.0	6114
880-4799-4	H-4 (0-6")	Soluble	Solid	300.0	6114
MB 880-6114/1-A	Method Blank	Soluble	Solid	300.0	6114
LCS 880-6114/2-A	Lab Control Sample	Soluble	Solid	300.0	6114
LCSD 880-6114/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6114
880-4798-A-12-C MS	Matrix Spike	Soluble	Solid	300.0	6114
880-4798-A-12-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	6114

## Lab Chronicle

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy Co, NM

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

Lab Sample ID: 880-4799-1

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:46

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	6111	08/05/21 11:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6101	08/05/21 20:01	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 20:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 20:29	CH	XEN MID

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

Lab Sample ID: 880-4799-2

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:46

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	6111	08/05/21 11:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6101	08/05/21 20:27	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 21:08	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 20:44	CH	XEN MID

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

Lab Sample ID: 880-4799-3

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:46

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	6111	08/05/21 11:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6101	08/05/21 20:52	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 21:29	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 20:49	CH	XEN MID

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

Lab Sample ID: 880-4799-4

Date Collected: 08/04/21 00:00

Matrix: Solid

Date Received: 08/05/21 10:46

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	6111	08/05/21 11:09	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6101	08/05/21 21:18	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6127	08/05/21 12:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6125	08/05/21 21:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6114	08/05/21 11:11	CH	XEN MID
Soluble	Analysis	300.0		1			6262	08/09/21 20:54	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: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy 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

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### Method Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy 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



### Sample Summary

Client: NT Global  
Project/Site: Hurl State #1 (07.05.21)

Job ID: 880-4799-1  
SDG: Eddy Co, NM

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-4799-1	H-1 (0-6")	Solid	08/04/21 00:00	08/05/21 10:46
880-4799-2	H-2 (0-6")	Solid	08/04/21 00:00	08/05/21 10:46
880-4799-3	H-3 (0-6")	Solid	08/04/21 00:00	08/05/21 10:46
880-4799-4	H-4 (0-6")	Solid	08/04/21 00:00	08/05/21 10:46

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Chain of Custody



880-4799 Chain of Custody

4799

Page 1 of 1

Project Manager	Mike Carmona	Bill to: (if different)	Jacqu Harris
Company Name	NTG Environmental	Company Name	COG
Address	701 Tradewinds Blvd	Address	15 W Loving Rd
City, State ZIP	Midland, TX 79706	City, State ZIP	Loving NM 88256
Phone	432-312-7736	Email	jacquharris@corrocephillips.com

Program, UST/PRP	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other

Project Name	Hurl State #1 (07 05 21)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number	214415	Due Date	72 Hrs		
Project Location	Eddy Co, NM	TAT starts the day received by the lab if received by 4:30pm			
Sampler's Name	NH	Temp Blank	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID	128
PO #:		Cooler Custody Seals	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Correction Factor	+0.5
		Sample Custody Seals	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading	4.9
		Total Containers	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Corrected Temperature	5.4

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 300 0	
H-1 (0-6")	8/4/2021		X		G	1	X	X	X	
H-2 (0-6")	8/4/2021		X		G	1	X	X	X	
H-3 (0-6")	8/4/2021		X		G	1	X	X	X	
H-4 (0-6")	8/4/2021		X		G	1	X	X	X	

**Additional Comments:**

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8/5/21 1041			



### Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-4799-1

SDG Number: Eddy Co, NM

**Login Number: 4799**

**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 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	

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**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 55250

**CONDITIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 55250
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
chensley	None	2/9/2022