Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2211531680
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?	39.96' (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2211531680
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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: Dale Woodall Title: Env. Professional

Signature: Dale Woodall Date: 9/21/2022

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 10/18/2022

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2211531680
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Dale Woodall Title: Env. Professional

Signature: Dale Woodall Date: 9/21/2022

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 10/18/2022

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Date:

Incident ID	NAPP2211531680
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: Dale Woodall Title: Env. Professional

Signature: Dale Woodall Date: 9/21/2022

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 10/18/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

402 E. Wood Avenue
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

September 14, 2022

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

Re: Closure Report
Rebel 20 CTB
Devon Energy Production Company
Site Location: Unit B, S20, T24S, R32E
(Lat 32.209498, Long -103.696471)
Lea County, New Mexico
Incident ID: nAPP2211531680

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the Rebel 20 CTB (Site). The Site is located approximately 44.1 miles east of Malaga, New Mexico in Eddy County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 23rd, 2022. The release was a result of equipment failure resulting in the release of approximately eight barrels (bbls) of produced water of which none was recovered. Upon discovery, the equipment was shut-in and the area was secured. The release area is shown on Figure 3. The initial C-141 form is attached.

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 are no known water sources within a ½ mile radius of the location. The nearest identified well is located 2.36 miles north-northeast of the site at Latitude 32.224620, Longitude -103.662881. The well was drilled in 2010 and the reported depth to groundwater is 33.96 feet below ground surface (ft bgs). Site characterization information and the associated USGS summary report is attached.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria are applicable to the Site.

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

Site Assessment

On May 3, 2022, NTGE conducted site assessment activities to assess the horizontal and vertical extent of impacts at the Site. Six sample points (S-1 through S-6) where installed within the release area to characterize the vertical impacts. Seven horizontal sample points (H-1 through H-7) were installed to define the horizontal extent of impacts. Soil samples were collected in 0.5 to 1 ft depth intervals from depths ranging from 0.5 – 4.5 ft bgs with a geotechnical handauger. The handauger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are shown on Figure 3.

Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to for chemical analysis. Soil samples were analyzed collected and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (EPA method 300.0). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Initial Analytical results identified impacts across the release area as described below and in Table 1:

- Soil impact were confined to the upper 4.5 ft bgs the area of S1,
- Soil impacts were confined to the upper 3.5 ft bgs the areas of S2,
- Soil impacts were confined to the upper 3 ft bgs the areas of S3 and S4,
- Soil impacts were confined to the upper 4 ft bgs the area of S5, and
- Soil impacts were confined to the upper 2.5 ft bgs the area of S6.

Field Screening results from horizontal delineation indicated sample points H-1 - H-7 were below the regulatory limit for all tested constituents.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with remedial actions activities at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to a depth of 4ft bgs in the areas of S1, 5ft bgs in the area of S-2, and 3ft bgs in the area of S3 and S4, 4 ft bgs in the area of S5, and 2.5 ft bgs in the area of S6.

The soils were field screened during excavation activities to aide in determining final excavation depths and extents. On July 27, 2022, a total of nine confirmation samples were collected from the excavation base (CS1 - CS9) and 12 confirmation samples were collected from the excavation sidewalls (SW1 - SW12) to ensure impacted soil was removed. Upon receipt of confirmation sampling results, it was noted that TPH concentrations in samples CS6 and CS7 was above the regulatory limits.

As a result, the excavation was expanded, the area of CS6 and CS7 was expanded vertically. On August 8, 2022, two additional confirmation samples (CS6 4.5ft bgs and CS7. 4.5 ft bgs) from the expanded excavation and four additional sidewall confirmation samples were collected (i.e., SW13 – SW16) to confirm excavation expansion activities were adequate in removing the impacted soils .

All confirmation samples were collected every 200 square feet in accordance with the regulatory guidelines and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (EPA method 300.0). Following receipt of the final analytical results confirming the removal of the impacted soils, the excavation was backfilled and returned to near-natural grade. The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 2.

Closing

Based on the assessment and subsequent remedial action activities, the Site is compliant with the regulatory limits and no further actions are required at the site. A copy of the final C- 141 is attached and Devon formally request a no further action designation for the Site. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,
NTG Environmental

Ethan Sessums
Project Manager

Attachments:

Initial And Final C-141
Site Characterization Information
Tables
Figures
Photographic Log
Laboratory Reports and Chain-of-Custody Documents

Ethan Sessums

From: Ethan Sessums
Sent: Monday, July 25, 2022 7:58 AM
To: New Mexico OCD
Subject: 48hr Sampling Notification

nDHR1914832559	REBEL 20 CTB	10/26/2018
nAB1918455038	REBEL 20 CTB	1/4/19
nAPP2211531680	REBEL 20 CTB	4/25/22

We will be conducting final confirmation sampling at the above-mentioned site on the 27th of July around 10 a.m. MST on behalf of Devon.

Ethan Sessums
Environmental Scientist
NTGE New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-701-2159
Email: esessums@ntglobal.com

Ethan Sessums

From: Ethan Sessums
Sent: Saturday, August 6, 2022 12:56 PM
To: New Mexico OCD
Subject: Sampling Event

nDHR1914832559	REBEL 20 CTB	10/26/2018
nAB1918455038	REBEL 20 CTB	1/4/19
nAPP2211531680	REBEL 20 CTB	4/25/22

We will be conducting final confirmation sampling at the above-mentioned site on the 8th of August around 10 a.m. MST on behalf of Devon.

Ethan Sessums
Project Manager
NTGE New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-701-2159
Email: esessums@ntglobal.com

INITIAL AND FINAL C-141

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)

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

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

- ☐ The source of the release has been stopped.
- ☐ The impacted area has been secured to protect human health and the environment.
- ☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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.

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Printed Name: _____ Title: _____

Signature: Kendra Ruiz Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 05/12/2022

Spill Volume(Bbls) Calculator		
Inputs in blue, Outputs in red		
Contaminated Soil measurement		
Length(Ft)	Width(Ft)	Depth(Ft)
44	42.000	0.105
Cubic Feet of Soil Impacted		194.040
Barrels of Soil Impacted		34.59
Soil Type		Clay/Sand
Barrels of Oil Assuming 100% Saturation		5.19
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels of Oil Released		5.19
Free Standing Fluid Only		
Length(Ft)	Width(Ft)	Depth(Ft)
25	15.000	0.042
Standing fluid		2.801
Total fluids spilled		**7.989**

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

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 106327
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	5/12/2022

State of New Mexico
Oil Conservation Division

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Did this release impact groundwater or surface water?	☐ Yes ☒ No
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Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
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Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

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Printed Name: Dale Woodall Title: Env. Professional

Signature: Dale Woodall Date: 9/21/2022

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2211531680
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Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

☒ Detailed description of proposed remediation technique
☒ Scaled sitemap with GPS coordinates showing delineation points
☒ Estimated volume of material to be remediated
☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Dale Woodall Title: Env. Professional

Signature: Dale Woodall Date: 9/21/2022

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2211531680
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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: Dale Woodall Title: Env. Professional

Signature: Dale Woodall Date: 9/21/2022

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

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Closure Approved by: Jennifer Nobui Date: 11/10/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

SITE CHARACTERIZATION INFORMATION

Devon Energy - Rebel 20 CTB
Sec 20 T24S R32E Unit C
32.208739, -103.700137
Lea County, New Mexico

Site Characterization
-No water features within specified distances of 1/2 mile radius, drilled within 25 years
-Low Karst
-USGS Groundwater is 33.96' below surface, 2.36 miles North-northeast of the site, 2010 Drilled, Section 10
-USGS Groundwater is 454.43' below surface, 2.98 miles North-northeast of the site, 1976 Drilled, Section 3
-NMSEO Groundwater is 380' below surface, 3.06 miles North of the site, 2013 Drilled, Section 5
-NMSEO Groundwater is 314' below surface, 2.47 miles South-southeast of the site, 2021 Drilled, Section 33

RRALs due to insufficient *RECENT* groundwater data\
-Chlorides 600 mg/kg
-TPH GRO+DRO+MRO 100 mg/kg
-BTEX 50 mg/kg
-Benzene 10 mg/kg

Low Karst

Devon Energy
Lea County, NM
Site Coordinates: 32.208739, -103.700137

Nearest Water Well

Devon Energy
Lea County, NM
Site Coordinates: 32.208739, -103.700137

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 03555 POD1	2	2	1	05	24S	32E	622748	3569233

Driller License:	1654	**Driller Company:**	NOT WORKING FOR HIRE--SIRMAN DRILLING AND CONSTRUC		
Driller Name:					
Drill Start Date:	10/20/2013	**Drill Finish Date:**	10/21/2013	**Plug Date:**	
Log File Date:	11/07/2013	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	5 GPM
Casing Size:	6.00	**Depth Well:**	600 feet	**Depth Water:**	380 feet

Water Bearing Stratifications:	Top	Bottom	Description
	475	550	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	460	520

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-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03530 POD1	C	LE	3	4	3	07	24S	32E	620886	3566156	2452	550		
C 02350	CUB	ED		4	3	10	24S	32E	625826	3566333*	3886	60		
C 04536 POD1	C	LE	1	2	2	33	24S	32E	625019	3561244	3968	500	314	186
C 03528 POD1	C	LE	1	1	2	15	24S	32E	626040	3566129	3974	541		
C 04576 POD1	CUB	ED	1	2	1	23	24S	31E	617700	3564324	4805	910	850	60
C 03555 POD1	C	LE	2	2	1	05	24S	32E	622748	3569233	4925	600	380	220
C 04388 POD1	C	ED	3	2	1	23	24S	31E	617546	3564006	4967	910	868	42

Average Depth to Water: **603 feet**
Minimum Depth: **314 feet**
Maximum Depth: **868 feet**

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 622504.61 **Northing (Y):** 3564313.97 **Radius:** 5000

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
20E37	C 04536 POD1	1	2	2	33	24S	32E	625019	3561244

Driller License: 1706 **Driller Company:** ELITE DRILLERS CORPORATION

Driller Name: BRYCE WALLACE

Drill Start Date:	06/09/2021	**Drill Finish Date:**	06/10/2021	**Plug Date:**	
Log File Date:	06/21/2021	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	4 GPM
Casing Size:	4.30	**Depth Well:**	500 feet	**Depth Water:**	314 feet

Water Bearing Stratifications:	Top	Bottom	Description
	235	480	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	300	500

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- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321312103395601

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321312103395601 24S.32E.10.344333

Lea County, New Mexico
Latitude 32°13'30.4", Longitude 103°39'52.7" NAD83
Land-surface elevation 3,589.00 feet above NGVD29
The depth of the well is 60 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1950-04-13		D	62610		3555.36	NGVD29	1	Z			A
1950-04-13		D	62611		3557.09	NAVD88	1	Z			A
1950-04-13		D	72019	33.64			1	Z			A
1955-06-03		D	62610		3557.10	NGVD29	P	Z			A
1955-06-03		D	62611		3558.83	NAVD88	P	Z			A
1955-06-03		D	72019	31.90			P	Z			A
1976-01-22		D	62610		3557.20	NGVD29	1	Z			A
1976-01-22		D	62611		3558.93	NAVD88	1	Z			A
1976-01-22		D	72019	31.80			1	Z			A
1981-03-20		D	62610		3569.07	NGVD29	1	Z			A
1981-03-20		D	62611		3570.80	NAVD88	1	Z			A
1981-03-20		D	72019	19.93			1	Z			A
1986-03-18		D	62610		3551.84	NGVD29	1	Z			A
1986-03-18		D	62611		3553.57	NAVD88	1	Z			A
1986-03-18		D	72019	37.16			1	Z			A
1991-05-29		D	62610		3549.36	NGVD29	1	Z			A
1991-05-29		D	62611		3551.09	NAVD88	1	Z			A
1991-05-29		D	72019	39.64			1	Z			A
1996-03-14		D	62610		3550.80	NGVD29	1	S			A
1996-03-14		D	62611		3552.53	NAVD88	1	S			A
1996-03-14		D	72019	38.20			1	S			A
2001-02-27		D	62610		3552.42	NGVD29	1	S			A
2001-02-27		D	62611		3554.15	NAVD88	1	S			A
2001-02-27		D	72019	36.58			1	S			A
2006-02-07	16:30 UTC	m	62610		3569.60	NGVD29	1	S	USGS	S	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 of measurement	? Water-level approval status
2006-02-07	16:30 UTC	m	62611		3571.33	NAVD88	1	S	USGS	S	A
2006-02-07	16:30 UTC	m	72019	19.40			1	S	USGS	S	A
2010-12-16	22:30 UTC	m	62610		3555.04	NGVD29	1	S	USGS	S	A
2010-12-16	22:30 UTC	m	62611		3556.77	NAVD88	1	S	USGS	S	A
2010-12-16	22:30 UTC	m	72019	33.96			1	S	USGS	S	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
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
Status	P	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Important: Next Generation Monitoring Location Page

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 321428103395801

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 321428103395801 24S.32E.03.32124

Lea County, New Mexico
Latitude 32°14'28", Longitude 103°39'58" NAD27
Land-surface elevation 3,653 feet above NAVD88
The depth of the well is 550 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1976-01-22		D	62610		3196.84	NGVD29	1	Z			A
1976-01-22		D	62611		3198.57	NAVD88	1	Z			A
1976-01-22		D	72019	454.43			1	Z			A

Explanation

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

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Title: Groundwater for New Mexico: Water Levels
URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: New Mexico Water Data Maintainer
Page Last Modified: 2022-03-31 16:44:42 EDT
0.34 0.3 nadww01

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National Water Information System: Mapper

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Site Information

TABLES

Table 1
Devon Energy
Rebel 20 CTB (4.25.22) & (1.03.19)
Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	5/3/2022	4.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	**543.0**
S-2	5/3/2022	3.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**1,030**
S-3	5/3/2022	3.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**545**
S-4	5/3/2022	3.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**508**
S-5	5/3/2022	4.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**575.0**
S-6	5/3/2022	2.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**134.0**
Regulatory Limits [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed

[A] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

ft-feet

- exceeds regulatory limits

NTGE Project No. 225189

Perpared By: NTG ENVIRONMENTAL

Table 2
Devon Energy
Rebel 20 CTB
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)
			DRO	GRO	MRO	Total						
CS-1	7/27/2022		<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**36.8**
CS-2	7/27/2022		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**10.7**
CS-3	7/27/2022		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**13.7**
CS-4	7/27/2022		<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**47.0**
CS-5	7/27/2022		<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**105**
CS-6	7/27/2022		115	<49.9	<49.9	115	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**58.0**
	8/8/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**288**
CS-7	7/27/2022		216	<49.9	<49.9	216	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**12.9**
	8/8/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**256**
CS-8	7/27/2022		<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**45.4**
CS-9	7/27/2022		<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**16.9**
Regulatory Limits [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

NTGE Project No. 225625

Perpared By: NTG ENVIRONMENTAL

Table 2
Devon Energy
Rebel 20 CTB
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)
			DRO	GRO	MRO	Total						
SW-1	7/27/2022	~	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	**251**
SW-2	7/27/2022	~	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	**431**
SW-3	7/27/2022	~	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	**412**
SW-4	7/27/2022	~	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	**43.1**
SW-5	7/27/2022	~	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**30.6**
SW-6	7/27/2022	~	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**19.0**
SW-7	7/27/2022	~	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	**25.1**
SW-8	7/27/2022	~	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	**43.7**
SW-9	7/27/2022	~	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00401	**8.19**
SW-10	7/27/2022	~	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	**134**
SW-11	7/27/2022	~	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	**490**
SW-12	7/27/2022	~	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	**29.9**
SW-13	8/8/2022	~	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**304**
SW-14	8/8/2022	~	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**64**
SW-15	8/8/2022	~	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**240**
SW-16	8/8/2022	~	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	**96**
Regulatory Limits [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

(-) Not Analyzed

[A] – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

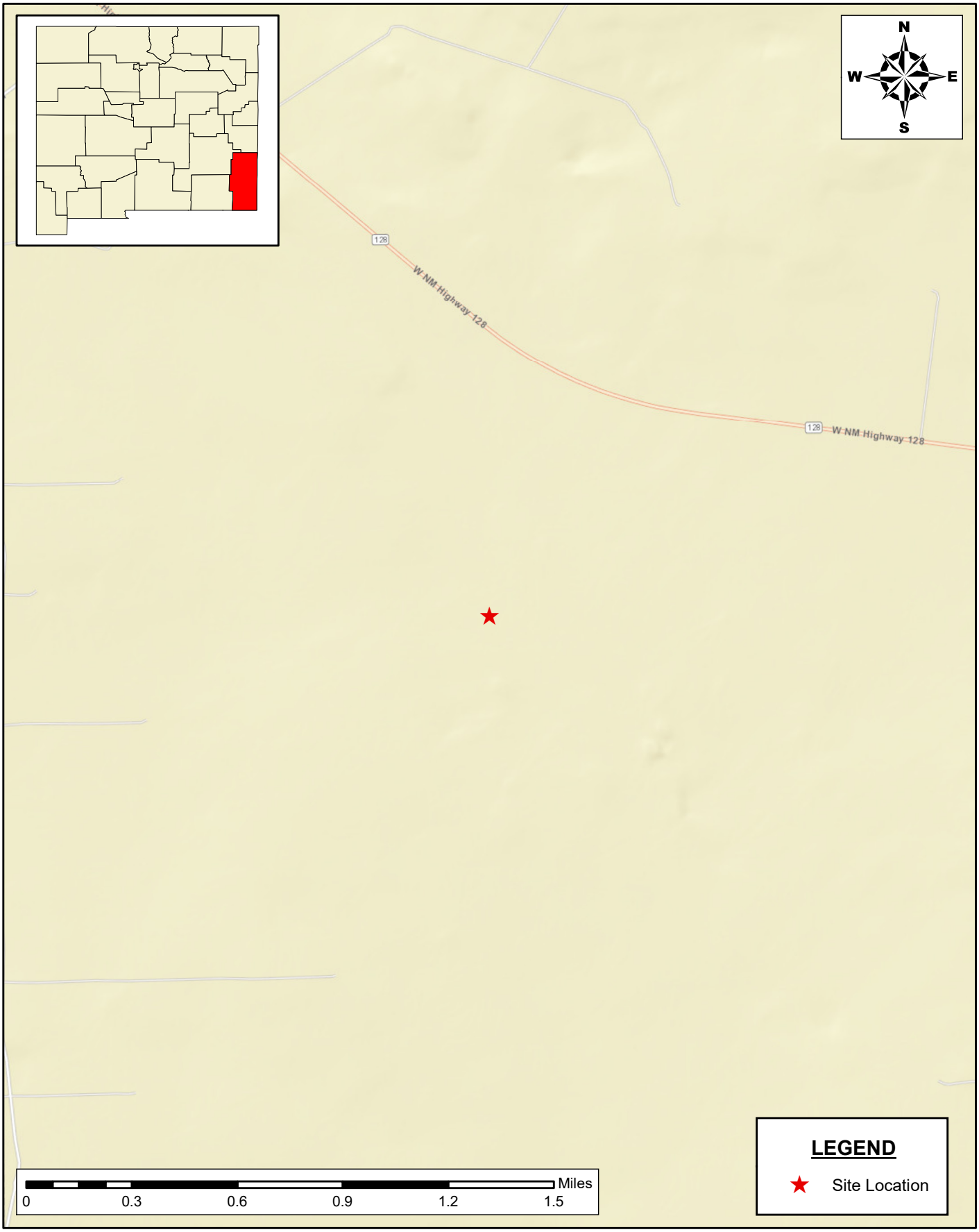
ft-feet

- exceeds regulatory limits

NTGE Project No. 225625

Perpared By: NTG ENVIRONMENTAL

FIGURES



Document Path: P:\2022 PROJECTS\DEVON\RSC\225625 - Rebel 20 CTB (04.25.2022)\7- Figures\GIS\Figure_1_SL.mxd

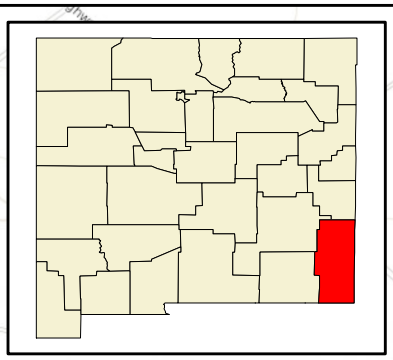
SITE LOCATION MAP
SITE ASSESSMENT REPORT
REBEL 20 CTB
DEVON. LLC
LEA COUNTY, NEW MEXICO

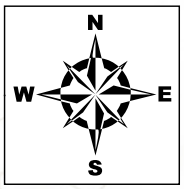
SCALE: As Shown | Date: 5/26/2022 | PROJECT #: 225623

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

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1





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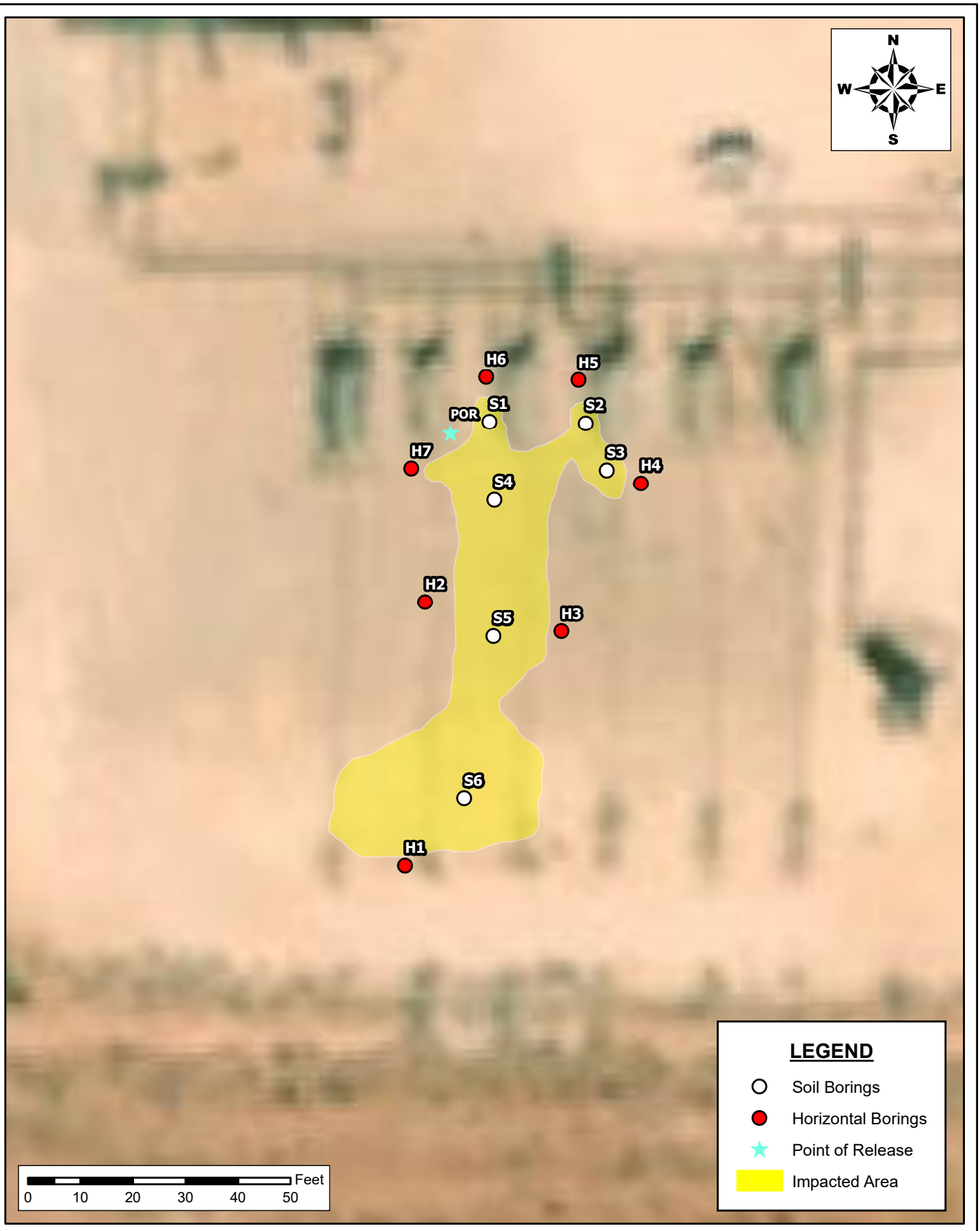
SITE LOCATION MAP
SITE ASSESSMENT REPORT
REBEL 20 CTB
DEVON. LLC
LEA COUNTY, NEW MEXICO

SCALE: As Shown	Date: 5/26/2022	PROJECT #: 225623

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

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1



SITE LOCATION MAP
SITE ASSESSMENT REPORT
REBEL 20 CTB
DEVON. LLC
LEA COUNTY, NEW MEXICO

SCALE: As Shown | Date: 5/26/2022 | PROJECT #: 225623

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

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
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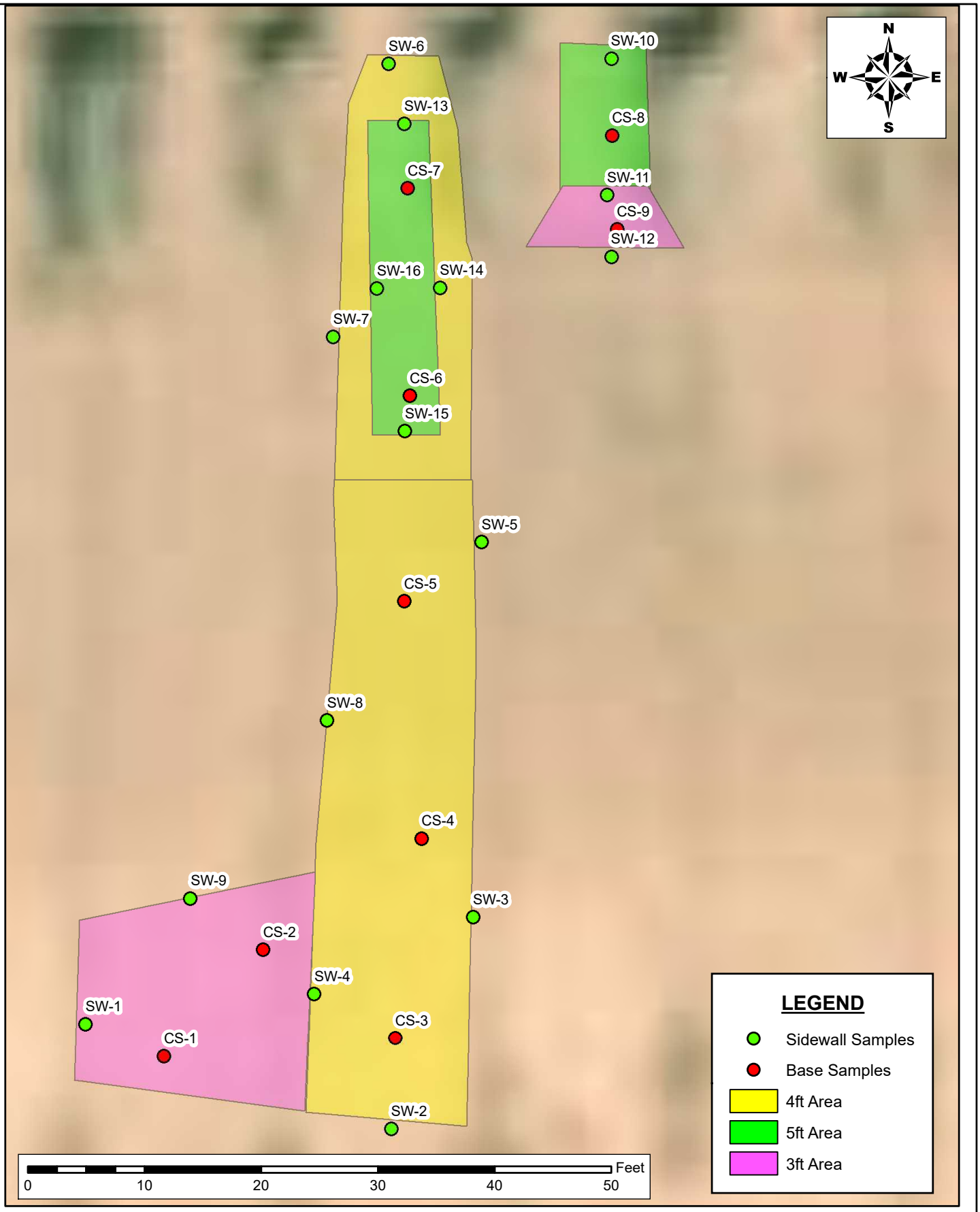

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SITE LOCATION MAP
REMEDIAL ACTIONS REPORT
REBEL 20 CTB
DEVON ENERGY PRODUCTION COMPANY. LLC
Lea COUNTY, NEW MEXICO

SCALE: As Shown	Date: 9/13/2022	PROJECT #: 225624

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

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 4
SHEET NUMBER:
1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility: REBEL 20 CTB

County: Lea County, New Mexico

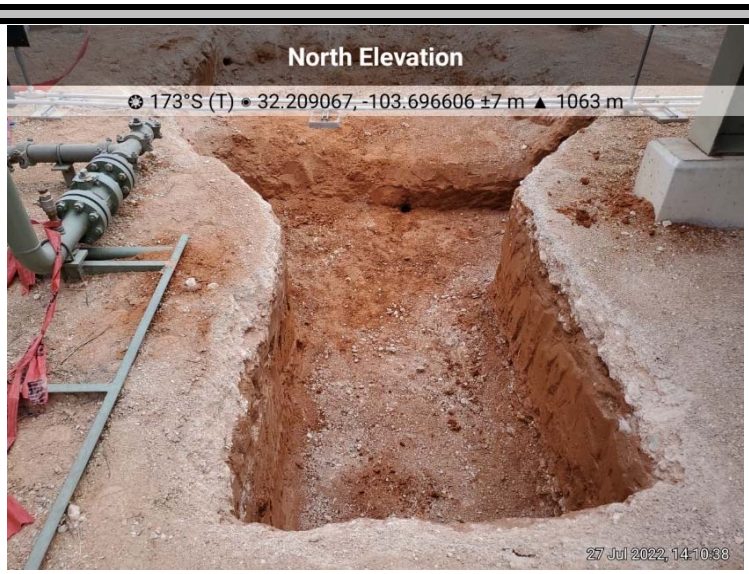
Description:
View of excavated area

Photograph No. 2

Facility: REBEL 20 CTB

County: Lea County, New Mexico

Description:
View of excavated area



Photograph No. 3

Facility: REBEL 20 CTB

County: Lea County, New Mexico

Description:
View of excavated area

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: REBEL 20 CTB

County: Lea County, New Mexico

Description:
View of excavated area

Photograph No. 5

Facility: REBEL 20 CTB

County: Lea County, New Mexico

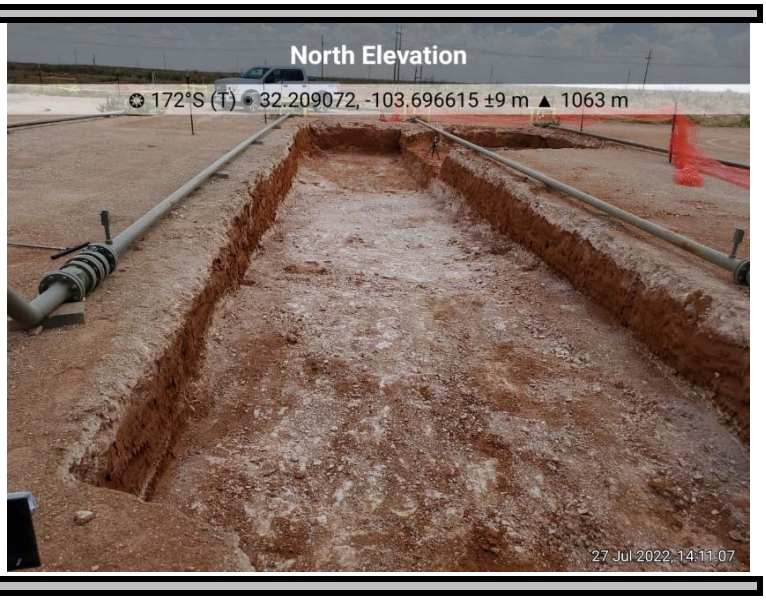
Description:
View of excavated area

Photograph No. 6

Facility: REBEL 20 CTB

County: Lea County, New Mexico

Description:
View of excavated area



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 7

Facility: REBEL 20 CTB

County: Lea County, New Mexico

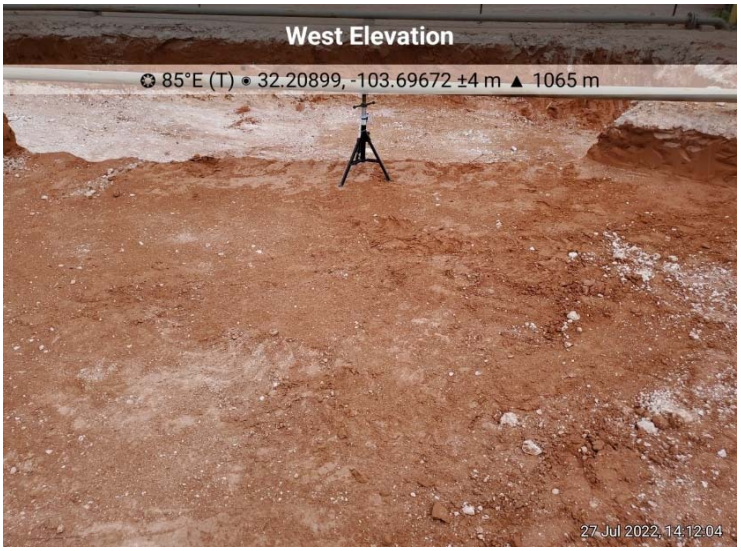
Description:
View of excavated area

Photograph No. 8

Facility: REBEL 20 CTB

County: Lea County, New Mexico

Description:
View of excavated area



Photograph No. 9

Facility: REBEL 20 CTB

County: Lea County, New Mexico

Description:
View of excavated area

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-14390-1
Laboratory Sample Delivery Group: Lea Co. NM
Client Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)
Revision: 1

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Gordon Banks

JKramer

Authorized for release by:
5/17/2022 2:08:08 PM

Jessica Kramer, Project Manager
(432)704-5440
Jessica.Kramer@et.eurofinsus.com

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

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

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Laboratory Job ID: 880-14390-1
SDG: Lea Co. NM

Table of Contents

Definitions/Glossary

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Job ID: 880-14390-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-14390-1

REVISION

The report being provided is a revision of the original report sent on 5/13/2022. The report (revision 1) is being revised due to Per client email, corrected project name.

Report revision history

Receipt
The samples were received on 5/3/2022 5:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

Receipt Exceptions
The following sample S6 (2.5') was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC) contacted client via phone to add sample.

GC VOA
Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-25279 and analytical batch 880-25476 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
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCSD 880-24946/3-A) and (MB 880-24946/1-A). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Client Sample ID: S1 (4.5')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-4
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		05/10/22 13:49	05/12/22 19:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 19:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 19:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/10/22 13:49	05/12/22 19:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 19:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/10/22 13:49	05/12/22 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/10/22 13:49*	*05/12/22 19:53*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/10/22 13:49*	*05/12/22 19:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/13/22 10:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/09/22 12:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/06/22 08:55	05/07/22 14:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/06/22 08:55	05/07/22 14:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/06/22 08:55	05/07/22 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*05/06/22 08:55*	*05/07/22 14:16*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*05/06/22 08:55*	*05/07/22 14:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**543**		4.99		mg/Kg			05/06/22 15:34	1

Client Sample ID: S2 (3.5')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-6
Matrix: Solid

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		05/10/22 13:49	05/12/22 20:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/10/22 13:49	05/12/22 20:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/10/22 13:49	05/12/22 20:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/10/22 13:49	05/12/22 20:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/10/22 13:49	05/12/22 20:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/10/22 13:49	05/12/22 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*05/10/22 13:49*	*05/12/22 20:13*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*05/10/22 13:49*	*05/12/22 20:13*	*1*

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Client Sample ID: S2 (3.5')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-6
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/13/22 10:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/09/22 12:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 14:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 14:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*05/06/22 08:55*	*05/07/22 14:38*	*1*
o-Terphenyl	*97*		*70 - 130*	*05/06/22 08:55*	*05/07/22 14:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1030**		4.98		mg/Kg			05/06/22 16:01	1

Client Sample ID: S3 (3')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-8
Matrix: Solid

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		05/10/22 13:49	05/12/22 20:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 20:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 20:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/10/22 13:49	05/12/22 20:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 20:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/10/22 13:49	05/12/22 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*05/10/22 13:49*	*05/12/22 20:34*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/10/22 13:49*	*05/12/22 20:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/13/22 10:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/09/22 12:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 15:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 15:00	1

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Client Sample ID: S3 (3')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*05/06/22 08:55*	*05/07/22 15:00*	*1*
o-Terphenyl	*116*		*70 - 130*	*05/06/22 08:55*	*05/07/22 15:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**545**		5.04		mg/Kg			05/06/22 16:09	1

Client Sample ID: S4 (3')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-10
Matrix: Solid

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		05/10/22 13:49	05/12/22 20:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/10/22 13:49	05/12/22 20:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/10/22 13:49	05/12/22 20:55	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/10/22 13:49	05/12/22 20:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/10/22 13:49	05/12/22 20:55	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/10/22 13:49	05/12/22 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*05/10/22 13:49*	*05/12/22 20:55*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/10/22 13:49*	*05/12/22 20:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/13/22 10:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/09/22 12:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/06/22 08:55	05/07/22 15:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/06/22 08:55	05/07/22 15:22	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/06/22 08:55	05/07/22 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*05/06/22 08:55*	*05/07/22 15:22*	*1*
o-Terphenyl	*111*		*70 - 130*	*05/06/22 08:55*	*05/07/22 15:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**508**		4.97		mg/Kg			05/06/22 16:36	1

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Client Sample ID: S5 (4')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-13

Matrix: Solid

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		05/10/22 13:49	05/12/22 21:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 21:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 21:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/10/22 13:49	05/12/22 21:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 21:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/10/22 13:49	05/12/22 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/10/22 13:49*	*05/12/22 21:16*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*05/10/22 13:49*	*05/12/22 21:16*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/13/22 10:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/09/22 12:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/06/22 08:55	05/07/22 15:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/06/22 08:55	05/07/22 15:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/06/22 08:55	05/07/22 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*05/06/22 08:55*	*05/07/22 15:44*	*1*
o-Terphenyl	*118*		*70 - 130*	*05/06/22 08:55*	*05/07/22 15:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**575**		4.99		mg/Kg			05/06/22 16:45	1

Client Sample ID: S6 (2.5')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-14

Matrix: Solid

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		05/10/22 13:49	05/12/22 21:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/10/22 13:49	05/12/22 21:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/10/22 13:49	05/12/22 21:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/10/22 13:49	05/12/22 21:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/10/22 13:49	05/12/22 21:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/10/22 13:49	05/12/22 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*05/10/22 13:49*	*05/12/22 21:36*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/10/22 13:49*	*05/12/22 21:36*	*1*

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Client Sample ID: S6 (2.5')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-14

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/13/22 10:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/09/22 12:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 16:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 16:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*05/06/22 08:55*	*05/07/22 16:06*	*1*
o-Terphenyl	*120*		*70 - 130*	*05/06/22 08:55*	*05/07/22 16:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		4.98		mg/Kg			05/06/22 16:54	1

Surrogate Summary

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-14390-4	S1 (4.5')	92	103
880-14390-4 MS	S1 (4.5')	114	98
880-14390-4 MSD	S1 (4.5')	92	106
880-14390-6	S2 (3.5')	96	103
880-14390-8	S3 (3')	113	98
880-14390-10	S4 (3')	109	99
880-14390-13	S5 (4')	93	108
880-14390-14	S6 (2.5')	105	98
LCS 880-25279/1-A	Lab Control Sample	105	104
LCSD 880-25279/2-A	Lab Control Sample Dup	105	102
MB 880-25279/5-A	Method Blank	93	98

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)
880-14390-4	S1 (4.5')	118	131 S1+
880-14390-6	S2 (3.5')	92	97
880-14390-8	S3 (3')	102	116
880-14390-10	S4 (3')	103	111
880-14390-13	S5 (4')	112	118
880-14390-14	S6 (2.5')	110	120
880-14397-A-11-E MS	Matrix Spike	102	95
880-14397-A-11-F MSD	Matrix Spike Duplicate	96	90
LCS 880-24946/2-A	Lab Control Sample	114	123
LCSD 880-24946/3-A	Lab Control Sample Dup	136 S1+	145 S1+
MB 880-24946/1-A	Method Blank	120	141 S1+

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-25279/5-A
Matrix: Solid
Analysis Batch: 25476

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25279

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 19:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 19:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 19:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/10/22 13:49	05/12/22 19:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/10/22 13:49	05/12/22 19:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/10/22 13:49	05/12/22 19:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/10/22 13:49*	*05/12/22 19:31*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/10/22 13:49*	*05/12/22 19:31*	*1*

Lab Sample ID: LCS 880-25279/1-A
Matrix: Solid
Analysis Batch: 25476

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09308		mg/Kg		93	70 - 130
Toluene	0.100	0.09346		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.1022		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2154		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1053		mg/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-25279/2-A
Matrix: Solid
Analysis Batch: 25476

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 25279

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08522		mg/Kg		85	70 - 130	9	35
Toluene	0.100	0.08397		mg/Kg		84	70 - 130	11	35
Ethylbenzene	0.100	0.08828		mg/Kg		88	70 - 130	15	35
m-Xylene & p-Xylene	0.200	0.1875		mg/Kg		94	70 - 130	14	35
o-Xylene	0.100	0.09295		mg/Kg		93	70 - 130	12	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-14390-4 MS
Matrix: Solid
Analysis Batch: 25476

Client Sample ID: S1 (4.5')
Prep Type: Total/NA
Prep Batch: 25279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.0998	0.06525	F1	mg/Kg		65	70 - 130
Toluene	<0.00200	U	0.0998	0.07114		mg/Kg		71	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

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

Lab Sample ID: 880-14390-4 MS
Matrix: Solid
Analysis Batch: 25476

Client Sample ID: S1 (4.5')
Prep Type: Total/NA
Prep Batch: 25279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.07910		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1707		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.0998	0.08545		mg/Kg		86	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-14390-4 MSD
Matrix: Solid
Analysis Batch: 25476

Client Sample ID: S1 (4.5')
Prep Type: Total/NA
Prep Batch: 25279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0994	0.08395		mg/Kg		84	70 - 130	25	35
Toluene	<0.00200	U	0.0994	0.07509		mg/Kg		76	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.0994	0.07445		mg/Kg		75	70 - 130	6	35
m-Xylene & p-Xylene	<0.00401	U	0.199	0.1499		mg/Kg		75	70 - 130	13	35
o-Xylene	<0.00200	U	0.0994	0.07442		mg/Kg		75	70 - 130	14	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

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

Lab Sample ID: MB 880-24946/1-A
Matrix: Solid
Analysis Batch: 25017

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24946

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 12:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 12:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/06/22 08:55	05/07/22 12:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*05/06/22 08:55*	*05/07/22 12:08*	*1*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*05/06/22 08:55*	*05/07/22 12:08*	*1*

Lab Sample ID: LCS 880-24946/2-A
Matrix: Solid
Analysis Batch: 25017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24946

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1181		mg/Kg		118	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1078		mg/Kg		108	70 - 130

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

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

Lab Sample ID: LCS 880-24946/2-A
Matrix: Solid
Analysis Batch: 25017

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24946

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	123		70 - 130

Lab Sample ID: LCSD 880-24946/3-A
Matrix: Solid
Analysis Batch: 25017

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24946

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1303		mg/Kg		130	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	1203		mg/Kg		120	70 - 130	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	136	S1+	70 - 130
o-Terphenyl	145	S1+	70 - 130

Lab Sample ID: 880-14397-A-11-E MS
Matrix: Solid
Analysis Batch: 25017

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 24946

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	1000	1147		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	996.2		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 880-14397-A-11-F MSD
Matrix: Solid
Analysis Batch: 25017

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 24946

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	1137		mg/Kg		114	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	868.4		mg/Kg		87	70 - 130	14	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	90		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-24812/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			05/05/22 18:59	1

Lab Sample ID: LCS 880-24812/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24863

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	261.5		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-24812/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24863

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	251.5		mg/Kg		101	90 - 110	4	20

Lab Sample ID: 880-14390-4 MS — **Client Sample ID: S1 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24863

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	543		250	778.4		mg/Kg		94	90 - 110		

Lab Sample ID: 880-14390-4 MSD — **Client Sample ID: S1 (4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24863

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	543		250	784.9		mg/Kg		97	90 - 110	1	20

QC Association Summary

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

GC VOA

Prep Batch: 25279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14390-4	S1 (4.5')	Total/NA	Solid	5035	
880-14390-6	S2 (3.5')	Total/NA	Solid	5035	
880-14390-8	S3 (3')	Total/NA	Solid	5035	
880-14390-10	S4 (3')	Total/NA	Solid	5035	
880-14390-13	S5 (4')	Total/NA	Solid	5035	
880-14390-14	S6 (2.5')	Total/NA	Solid	5035	
MB 880-25279/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25279/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25279/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-14390-4 MS	S1 (4.5')	Total/NA	Solid	5035	
880-14390-4 MSD	S1 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 25476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14390-4	S1 (4.5')	Total/NA	Solid	8021B	25279
880-14390-6	S2 (3.5')	Total/NA	Solid	8021B	25279
880-14390-8	S3 (3')	Total/NA	Solid	8021B	25279
880-14390-10	S4 (3')	Total/NA	Solid	8021B	25279
880-14390-13	S5 (4')	Total/NA	Solid	8021B	25279
880-14390-14	S6 (2.5')	Total/NA	Solid	8021B	25279
MB 880-25279/5-A	Method Blank	Total/NA	Solid	8021B	25279
LCS 880-25279/1-A	Lab Control Sample	Total/NA	Solid	8021B	25279
LCSD 880-25279/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25279
880-14390-4 MS	S1 (4.5')	Total/NA	Solid	8021B	25279
880-14390-4 MSD	S1 (4.5')	Total/NA	Solid	8021B	25279

Analysis Batch: 25521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14390-4	S1 (4.5')	Total/NA	Solid	Total BTEX	
880-14390-6	S2 (3.5')	Total/NA	Solid	Total BTEX	
880-14390-8	S3 (3')	Total/NA	Solid	Total BTEX	
880-14390-10	S4 (3')	Total/NA	Solid	Total BTEX	
880-14390-13	S5 (4')	Total/NA	Solid	Total BTEX	
880-14390-14	S6 (2.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 24946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14390-4	S1 (4.5')	Total/NA	Solid	8015NM Prep	
880-14390-6	S2 (3.5')	Total/NA	Solid	8015NM Prep	
880-14390-8	S3 (3')	Total/NA	Solid	8015NM Prep	
880-14390-10	S4 (3')	Total/NA	Solid	8015NM Prep	
880-14390-13	S5 (4')	Total/NA	Solid	8015NM Prep	
880-14390-14	S6 (2.5')	Total/NA	Solid	8015NM Prep	
MB 880-24946/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-24946/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24946/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14397-A-11-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-14397-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

GC Semi VOA

Analysis Batch: 25017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14390-4	S1 (4.5')	Total/NA	Solid	8015B NM	24946
880-14390-6	S2 (3.5')	Total/NA	Solid	8015B NM	24946
880-14390-8	S3 (3')	Total/NA	Solid	8015B NM	24946
880-14390-10	S4 (3')	Total/NA	Solid	8015B NM	24946
880-14390-13	S5 (4')	Total/NA	Solid	8015B NM	24946
880-14390-14	S6 (2.5')	Total/NA	Solid	8015B NM	24946
MB 880-24946/1-A	Method Blank	Total/NA	Solid	8015B NM	24946
LCS 880-24946/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24946
LCSD 880-24946/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24946
880-14397-A-11-E MS	Matrix Spike	Total/NA	Solid	8015B NM	24946
880-14397-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	24946

Analysis Batch: 25092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14390-4	S1 (4.5')	Total/NA	Solid	8015 NM	
880-14390-6	S2 (3.5')	Total/NA	Solid	8015 NM	
880-14390-8	S3 (3')	Total/NA	Solid	8015 NM	
880-14390-10	S4 (3')	Total/NA	Solid	8015 NM	
880-14390-13	S5 (4')	Total/NA	Solid	8015 NM	
880-14390-14	S6 (2.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 24812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14390-4	S1 (4.5')	Soluble	Solid	DI Leach	
880-14390-6	S2 (3.5')	Soluble	Solid	DI Leach	
880-14390-8	S3 (3')	Soluble	Solid	DI Leach	
880-14390-10	S4 (3')	Soluble	Solid	DI Leach	
880-14390-13	S5 (4')	Soluble	Solid	DI Leach	
880-14390-14	S6 (2.5')	Soluble	Solid	DI Leach	
MB 880-24812/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24812/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24812/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-14390-4 MS	S1 (4.5')	Soluble	Solid	DI Leach	
880-14390-4 MSD	S1 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 24863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-14390-4	S1 (4.5')	Soluble	Solid	300.0	24812
880-14390-6	S2 (3.5')	Soluble	Solid	300.0	24812
880-14390-8	S3 (3')	Soluble	Solid	300.0	24812
880-14390-10	S4 (3')	Soluble	Solid	300.0	24812
880-14390-13	S5 (4')	Soluble	Solid	300.0	24812
880-14390-14	S6 (2.5')	Soluble	Solid	300.0	24812
MB 880-24812/1-A	Method Blank	Soluble	Solid	300.0	24812
LCS 880-24812/2-A	Lab Control Sample	Soluble	Solid	300.0	24812
LCSD 880-24812/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24812
880-14390-4 MS	S1 (4.5')	Soluble	Solid	300.0	24812
880-14390-4 MSD	S1 (4.5')	Soluble	Solid	300.0	24812

Lab Chronicle

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Client Sample ID: S1 (4.5')

Lab Sample ID: 880-14390-4
Matrix: Solid
Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

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	25279	05/10/22 13:49	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25476	05/12/22 19:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25521	05/13/22 10:27	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25092	05/09/22 12:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24946	05/06/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25017	05/07/22 14:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24812	05/04/22 12:02	SC	XEN MID
Soluble	Analysis	300.0		1			24863	05/06/22 15:34	SC	XEN MID

Client Sample ID: S2 (3.5')

Lab Sample ID: 880-14390-6
Matrix: Solid
Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

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	25279	05/10/22 13:49	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25476	05/12/22 20:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25521	05/13/22 10:27	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25092	05/09/22 12:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24946	05/06/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25017	05/07/22 14:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24812	05/04/22 12:02	SC	XEN MID
Soluble	Analysis	300.0		1			24863	05/06/22 16:01	SC	XEN MID

Client Sample ID: S3 (3')

Lab Sample ID: 880-14390-8
Matrix: Solid
Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

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	25279	05/10/22 13:49	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25476	05/12/22 20:34	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25521	05/13/22 10:27	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25092	05/09/22 12:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24946	05/06/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25017	05/07/22 15:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24812	05/04/22 12:02	SC	XEN MID
Soluble	Analysis	300.0		1			24863	05/06/22 16:09	SC	XEN MID

Client Sample ID: S4 (3')

Lab Sample ID: 880-14390-10
Matrix: Solid
Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

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	25279	05/10/22 13:49	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25476	05/12/22 20:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25521	05/13/22 10:27	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Client Sample ID: S4 (3')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			25092	05/09/22 12:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24946	05/06/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25017	05/07/22 15:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24812	05/04/22 12:02	SC	XEN MID
Soluble	Analysis	300.0		1			24863	05/06/22 16:36	SC	XEN MID

Client Sample ID: S5 (4')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	25279	05/10/22 13:49	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25476	05/12/22 21:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25521	05/13/22 10:27	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25092	05/09/22 12:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24946	05/06/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25017	05/07/22 15:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24812	05/04/22 12:02	SC	XEN MID
Soluble	Analysis	300.0		1			24863	05/06/22 16:45	SC	XEN MID

Client Sample ID: S6 (2.5')

Date Collected: 05/03/22 00:00
Date Received: 05/03/22 17:08

Lab Sample ID: 880-14390-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	25279	05/10/22 13:49	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25476	05/12/22 21:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25521	05/13/22 10:27	SM	XEN MID
Total/NA	Analysis	8015 NM		1			25092	05/09/22 12:05	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24946	05/06/22 08:55	DM	XEN MID
Total/NA	Analysis	8015B NM		1			25017	05/07/22 16:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24812	05/04/22 12:02	SC	XEN MID
Soluble	Analysis	300.0		1			24863	05/06/22 16:54	SC	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Rebel 20 CTB (4.25.22) & (1.3.19)

Job ID: 880-14390-1
SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-14390-4	S1 (4.5')	Solid	05/03/22 00:00	05/03/22 17:08
880-14390-6	S2 (3.5')	Solid	05/03/22 00:00	05/03/22 17:08
880-14390-8	S3 (3')	Solid	05/03/22 00:00	05/03/22 17:08
880-14390-10	S4 (3')	Solid	05/03/22 00:00	05/03/22 17:08
880-14390-13	S5 (4')	Solid	05/03/22 00:00	05/03/22 17:08
880-14390-14	S6 (2.5')	Solid	05/03/22 00:00	05/03/22 17:08

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 14390

Page 1 of 2

Project Manager	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name	NTG Environmental	Company Name.	Devon Energy
Address.	402 E Wood Ave	Address.	6488 Seven Rivers Highway
City, State ZIP	Carlsbad, NM 88220	City, State ZIP	Artesia, NM 88210
Phone	254-266-5456	Email	Wesley Mathews@dvn com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name:	Rebel 20 CTB (4 25 22) & (3 28 22)	Turn Around	
Project Number	225625	☑ Routine ☐ Rush	
Project Location	Lea Co NM	Due Date	
Sampler's Name:	Nick Hart	TAT starts the day received by the lab if received by 4 30pm	
PO #:	21025271 & 21019308		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID	IR8
Cooler Custody Seals:	Yes No N/A	Correction Factor	-2
Sample Custody Seals:	Yes No N/A	Temperature Reading	5.6
Total Containers	10	Corrected Temperature	5.4

ANALYSIS REQUEST

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2S0_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S1 (2')	5/3/2022		x		G	1		x	x	x	X	
S1 (3')	5/3/2022		x		G	1		x	x	x	X	
S1 (4')	5/3/2022		x		G	1		x	x	x	X	
S1 (4 5')	5/3/2022		x		G	1		x	x	x		
S2 (2 5')	5/3/2022		x		G	1		x	x	x	X	
S2 (3 5')	5/3/2022		x		G	1		x	x	x		
S3 (2 5')	5/3/2022		x		G	1		x	x	x	X	
S3 (3')	5/3/2022		x		G	1		x	x	x		
S4 (2')	5/3/2022		x		G	1		x	x	x	X	
S4 (3')	5/3/2022		x		G	1		x	x	x		

880-14390 Chain of Custody

Additional Comments:

Relinquished by (Signature)	Received by. (Signature)	Date/Time	Relinquished by (Signature)	Received by: (Signature)	Date/Time
1 Nick Hart		5/3/22 1108	2		
3			4		
5			6		

Revised Date 05012020 Rev 2020.1

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 14390

Page 2 of 2

Project Manager	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name	NTG Environmental	Company Name	Devon Energy
Address:	402 E Wood Ave	Address.	6488 Seven Rivers Highway
City, State ZIP	Carlsbad, NM 88220	City, State ZIP	Artesia, NM 88210
Phone.	254-266-5456	Email	Dale.Woddall@dvn.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ uperfund ☐

State of Project.

Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables EDD ☐ ADaPT ☐ Other

Project Name:	Rebel 20 CTB (4 25 22) & (3 28 22)	Turn Around	
Project Number	225625	☑ Routine ☐ Rush	
Project Location	Lea Co NM	Due Date.	
Sampler's Name	Nick Hart	TAT starts the day received by the lab if received by 4 30pm	
PO #:	21025271 & 21019308		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID	
Cooler Custody Seals.	Yes No N/A	Correction Factor	
Sample Custody Seals.	Yes No N/A	Temperature Reading	
Total Containers.	10	Corrected Temperature	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD
S5 (2')	5/3/2022		x		G	1		x	x	x	X
S5 (3')	5/3/2022		x		G	1		x	x	x	X
S5 (4')	5/3/2022		x		G	1		x	x	x	

ANALYSIS REQUEST — Parameters

Preservative Codes

None NO — DI Water H_2O

Cool Cool — MeOH Me

HCL HC — HNO_3 HN

H_2S0_4 H_2 — NaOH Na

H_3PO_4 HP

$NaHSO_4$ NABIS

$Na_2S_2O_3$ $NaSO_3$

Zn Acetate+NaOH Zn

NaOH+Ascorbic Acid SAPC

Sample Comments

Loc: 880
14390

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by. (Signature)	Date/Time
1 Nick Hart		5/3/22 17.08	2		
3			4		
5			6		

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-14390-1
SDG Number: Lea Co. NM

Login Number: 14390
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
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.	True	
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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ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-2672-1
Laboratory Sample Delivery Group: Lea County NM
Client Project/Site: Rebel 20 CTB (Spill #1)

For:
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Gordon Banks

JKramer

Authorized for release by:
8/1/2022 8:33:08 AM

Jessica Kramer, Project Manager
(432)704-5440
Jessica.Kramer@et.eurofinsus.com

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

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

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Laboratory Job ID: 890-2672-1
SDG: Lea County NM

Table of Contents

Definitions/Glossary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
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.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Job ID: 890-2672-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-2672-1

Receipt
The samples were received on 7/28/2022 9:50 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
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-30988 and 880-31011 and analytical batch 880-30959 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.

Method 8021B: Surrogate recovery for the following sample was outside control limits: CS-6 (890-2672-18). Evidence of matrix interferences is not obvious.

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

GC Semi VOA
Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-31009 and analytical batch 880-31049 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-31009/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-31010 and analytical batch 880-31085 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-1

Lab Sample ID: 890-2672-1
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/30/22 21:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/30/22 21:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/30/22 21:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/29/22 10:37	07/30/22 21:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/30/22 21:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/29/22 10:37	07/30/22 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/29/22 10:37*	*07/30/22 21:54*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/29/22 10:37*	*07/30/22 21:54*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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		07/29/22 13:05	07/31/22 11:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U F1	49.9		mg/Kg		07/29/22 13:05	07/31/22 11:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*07/29/22 13:05*	*07/31/22 11:29*	*1*
o-Terphenyl	*89*		*70 - 130*	*07/29/22 13:05*	*07/31/22 11:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**251**		5.04		mg/Kg			07/29/22 22:35	1

Client Sample ID: SW-2

Lab Sample ID: 890-2672-2
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/30/22 22:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/30/22 22:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/30/22 22:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/29/22 10:37	07/30/22 22:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/30/22 22:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/29/22 10:37	07/30/22 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*07/29/22 10:37*	*07/30/22 22:20*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/29/22 10:37*	*07/30/22 22:20*	*1*

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-2

Lab Sample ID: 890-2672-2
Date Collected: 07/27/22 00:00
Matrix: Solid
Date Received: 07/28/22 09:50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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		07/29/22 13:05	07/31/22 12:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 12:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 12:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*07/29/22 13:05*	*07/31/22 12:33*	*1*
o-Terphenyl	*99*		*70 - 130*	*07/29/22 13:05*	*07/31/22 12:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**431**		4.99		mg/Kg			07/29/22 22:58	1

Client Sample ID: SW-3

Lab Sample ID: 890-2672-3
Date Collected: 07/27/22 00:00
Matrix: Solid
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/30/22 22:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/30/22 22:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/30/22 22:46	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/29/22 10:37	07/30/22 22:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/30/22 22:46	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/29/22 10:37	07/30/22 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*07/29/22 10:37*	*07/30/22 22:46*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*07/29/22 10:37*	*07/30/22 22:46*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 12:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 12:55	1

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Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-3

Lab Sample ID: 890-2672-3
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*07/29/22 13:05*	*07/31/22 12:55*	*1*
o-Terphenyl	*122*		*70 - 130*	*07/29/22 13:05*	*07/31/22 12:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**412**		5.00		mg/Kg			07/29/22 23:06	1

Client Sample ID: SW-4

Lab Sample ID: 890-2672-4
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/30/22 23:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/30/22 23:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/30/22 23:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/29/22 10:37	07/30/22 23:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/30/22 23:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/29/22 10:37	07/30/22 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/29/22 10:37*	*07/30/22 23:13*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*07/29/22 10:37*	*07/30/22 23:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/31/22 10:33	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	<49.8	U	49.8		mg/Kg		07/29/22 13:05	07/31/22 13:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/29/22 13:05	07/31/22 13:17	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/29/22 13:05	07/31/22 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*07/29/22 13:05*	*07/31/22 13:17*	*1*
o-Terphenyl	*93*		*70 - 130*	*07/29/22 13:05*	*07/31/22 13:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.1**		4.96		mg/Kg			07/29/22 23:14	1

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-5

Lab Sample ID: 890-2672-5
Date Collected: 07/27/22 00:00
Matrix: Solid
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/30/22 23:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:37	07/30/22 23:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:37	07/30/22 23:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/22 10:37	07/30/22 23:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:37	07/30/22 23:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/22 10:37	07/30/22 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/29/22 10:37*	*07/30/22 23:39*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/29/22 10:37*	*07/30/22 23:39*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 13:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 13:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*07/29/22 13:05*	*07/31/22 13:39*	*1*
o-Terphenyl	*125*		*70 - 130*	*07/29/22 13:05*	*07/31/22 13:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.6**		5.01		mg/Kg			07/29/22 23:22	1

Client Sample ID: SW-6

Lab Sample ID: 890-2672-6
Date Collected: 07/27/22 00:00
Matrix: Solid
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 00:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 00:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 00:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 10:37	07/31/22 00:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 00:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 10:37	07/31/22 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/29/22 10:37*	*07/31/22 00:04*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/29/22 10:37*	*07/31/22 00:04*	*1*

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-6

Lab Sample ID: 890-2672-6
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 14:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 14:00	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 14:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*07/29/22 13:05*	*07/31/22 14:00*	*1*
o-Terphenyl	*120*		*70 - 130*	*07/29/22 13:05*	*07/31/22 14:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.0**		5.03		mg/Kg			07/29/22 23:45	1

Client Sample ID: SW-7

Lab Sample ID: 890-2672-7
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 00:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:37	07/31/22 00:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:37	07/31/22 00:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/29/22 10:37	07/31/22 00:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:37	07/31/22 00:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/29/22 10:37	07/31/22 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/29/22 10:37*	*07/31/22 00:30*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/29/22 10:37*	*07/31/22 00:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			07/31/22 10:33	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	<49.8	U	49.8		mg/Kg		07/29/22 13:05	07/31/22 14:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/29/22 13:05	07/31/22 14:22	1

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-7

Lab Sample ID: 890-2672-7
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/29/22 13:05	07/31/22 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*07/29/22 13:05*	*07/31/22 14:22*	*1*
o-Terphenyl	*103*		*70 - 130*	*07/29/22 13:05*	*07/31/22 14:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.1**		4.97		mg/Kg			07/29/22 23:53	1

Client Sample ID: SW-8

Lab Sample ID: 890-2672-8
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 00:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:37	07/31/22 00:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:37	07/31/22 00:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		07/29/22 10:37	07/31/22 00:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:37	07/31/22 00:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/29/22 10:37	07/31/22 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/29/22 10:37*	*07/31/22 00:55*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*07/29/22 10:37*	*07/31/22 00:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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		07/29/22 13:05	07/31/22 14:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 14:44	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*07/29/22 13:05*	*07/31/22 14:44*	*1*
o-Terphenyl	*110*		*70 - 130*	*07/29/22 13:05*	*07/31/22 14:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.7**		4.99		mg/Kg			07/30/22 00:01	1

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-9

Lab Sample ID: 890-2672-9
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 01:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 01:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 01:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		07/29/22 10:37	07/31/22 01:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 01:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/29/22 10:37	07/31/22 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*07/29/22 10:37*	*07/31/22 01:21*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/29/22 10:37*	*07/31/22 01:21*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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		07/29/22 13:05	07/31/22 15:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 15:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*07/29/22 13:05*	*07/31/22 15:06*	*1*
o-Terphenyl	*115*		*70 - 130*	*07/29/22 13:05*	*07/31/22 15:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.19**		4.99		mg/Kg			07/30/22 00:09	1

Client Sample ID: SW-10

Lab Sample ID: 890-2672-10
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 01:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 01:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 01:46	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/29/22 10:37	07/31/22 01:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 01:46	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/29/22 10:37	07/31/22 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/29/22 10:37*	*07/31/22 01:46*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/29/22 10:37*	*07/31/22 01:46*	*1*

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-10

Lab Sample ID: 890-2672-10
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 15:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 15:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*07/29/22 13:05*	*07/31/22 15:28*	*1*
o-Terphenyl	*91*		*70 - 130*	*07/29/22 13:05*	*07/31/22 15:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		4.97		mg/Kg			07/30/22 00:17	1

Client Sample ID: SW-11

Lab Sample ID: 890-2672-11
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 03:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 03:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 03:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 10:37	07/31/22 03:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 03:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 10:37	07/31/22 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*07/29/22 10:37*	*07/31/22 03:29*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/29/22 10:37*	*07/31/22 03:29*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 16:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 16:11	1

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-11

Lab Sample ID: 890-2672-11
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*07/29/22 13:05*	*07/31/22 16:11*	*1*
o-Terphenyl	*118*		*70 - 130*	*07/29/22 13:05*	*07/31/22 16:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**490**		4.99		mg/Kg			07/30/22 00:25	1

Client Sample ID: SW-12

Lab Sample ID: 890-2672-12
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 03:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:37	07/31/22 03:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:37	07/31/22 03:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/22 10:37	07/31/22 03:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:37	07/31/22 03:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/22 10:37	07/31/22 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*70 - 130*	*07/29/22 10:37*	*07/31/22 03:54*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*07/29/22 10:37*	*07/31/22 03:54*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 16:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 16:32	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*07/29/22 13:05*	*07/31/22 16:32*	*1*
o-Terphenyl	*101*		*70 - 130*	*07/29/22 13:05*	*07/31/22 16:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.9**		5.01		mg/Kg			07/30/22 00:48	1

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: CS-1

Lab Sample ID: 890-2672-13
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 04:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/31/22 04:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/31/22 04:20	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		07/29/22 10:37	07/31/22 04:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/31/22 04:20	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/29/22 10:37	07/31/22 04:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/29/22 10:37*	*07/31/22 04:20*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/29/22 10:37*	*07/31/22 04:20*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 16:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 16:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*07/29/22 13:05*	*07/31/22 16:54*	*1*
o-Terphenyl	*88*		*70 - 130*	*07/29/22 13:05*	*07/31/22 16:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.8**		5.04		mg/Kg			07/30/22 00:56	1

Client Sample ID: CS-2

Lab Sample ID: 890-2672-14
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 04:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 04:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 04:46	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		07/29/22 10:37	07/31/22 04:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 04:46	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/29/22 10:37	07/31/22 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/29/22 10:37*	*07/31/22 04:46*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/29/22 10:37*	*07/31/22 04:46*	*1*

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: CS-2

Lab Sample ID: 890-2672-14
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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		07/29/22 13:05	07/31/22 17:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 17:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*07/29/22 13:05*	*07/31/22 17:16*	*1*
o-Terphenyl	*110*		*70 - 130*	*07/29/22 13:05*	*07/31/22 17:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.7**		4.96		mg/Kg			07/30/22 01:20	1

Client Sample ID: CS-3

Lab Sample ID: 890-2672-15
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 05:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 05:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 05:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/29/22 10:37	07/31/22 05:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 05:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/29/22 10:37	07/31/22 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/29/22 10:37*	*07/31/22 05:11*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*07/29/22 10:37*	*07/31/22 05:11*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 17:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 17:37	1

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: CS-3

Lab Sample ID: 890-2672-15
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*07/29/22 13:05*	*07/31/22 17:37*	*1*
o-Terphenyl	*108*		*70 - 130*	*07/29/22 13:05*	*07/31/22 17:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.7**		4.98		mg/Kg			07/30/22 01:28	1

Client Sample ID: CS-4

Lab Sample ID: 890-2672-16
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 05:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:37	07/31/22 05:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:37	07/31/22 05:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		07/29/22 10:37	07/31/22 05:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:37	07/31/22 05:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/22 10:37	07/31/22 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/29/22 10:37*	*07/31/22 05:37*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/29/22 10:37*	*07/31/22 05:37*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 17:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 17:59	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*07/29/22 13:05*	*07/31/22 17:59*	*1*
o-Terphenyl	*120*		*70 - 130*	*07/29/22 13:05*	*07/31/22 17:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.0**		4.99		mg/Kg			07/30/22 01:35	1

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: CS-5

Lab Sample ID: 890-2672-17
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 06:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 06:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 06:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 10:37	07/31/22 06:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 06:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 10:37	07/31/22 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*07/29/22 10:37*	*07/31/22 06:03*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/29/22 10:37*	*07/31/22 06:03*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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		07/29/22 13:05	07/31/22 18:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 18:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*07/29/22 13:05*	*07/31/22 18:21*	*1*
o-Terphenyl	*95*		*70 - 130*	*07/29/22 13:05*	*07/31/22 18:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		4.95		mg/Kg			07/30/22 01:43	1

Client Sample ID: CS-6

Lab Sample ID: 890-2672-18
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 06:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 06:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 06:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		07/29/22 10:37	07/31/22 06:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/31/22 06:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/29/22 10:37	07/31/22 06:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*07/29/22 10:37*	*07/31/22 06:29*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/29/22 10:37*	*07/31/22 06:29*	*1*

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: CS-6

Lab Sample ID: 890-2672-18
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**115**		49.9		mg/Kg			07/31/22 10:33	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		07/29/22 13:05	07/31/22 18:42	1
Diesel Range Organics (Over C10-C28)	**115**		49.9		mg/Kg		07/29/22 13:05	07/31/22 18:42	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*07/29/22 13:05*	*07/31/22 18:42*	*1*
o-Terphenyl	*99*		*70 - 130*	*07/29/22 13:05*	*07/31/22 18:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.0**		4.97		mg/Kg			07/30/22 01:51	1

Client Sample ID: CS-7

Lab Sample ID: 890-2672-19
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 06:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/31/22 06:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/31/22 06:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		07/29/22 10:37	07/31/22 06:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/29/22 10:37	07/31/22 06:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/29/22 10:37	07/31/22 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/29/22 10:37*	*07/31/22 06:55*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*07/29/22 10:37*	*07/31/22 06:55*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**216**		49.9		mg/Kg			07/31/22 10:33	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		07/29/22 13:05	07/31/22 19:04	1
Diesel Range Organics (Over C10-C28)	**216**		49.9		mg/Kg		07/29/22 13:05	07/31/22 19:04	1

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Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: CS-7

Lab Sample ID: 890-2672-19
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*07/29/22 13:05*	*07/31/22 19:04*	*1*
o-Terphenyl	*100*		*70 - 130*	*07/29/22 13:05*	*07/31/22 19:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.9**		5.02		mg/Kg			07/30/22 01:59	1

Client Sample ID: CS-8

Lab Sample ID: 890-2672-20
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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		07/29/22 10:37	07/31/22 07:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 07:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 07:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		07/29/22 10:37	07/31/22 07:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:37	07/31/22 07:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/29/22 10:37	07/31/22 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*07/29/22 10:37*	*07/31/22 07:22*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/29/22 10:37*	*07/31/22 07:22*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			07/31/22 10:33	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		07/29/22 13:05	07/31/22 19:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 19:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/29/22 13:05	07/31/22 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*07/29/22 13:05*	*07/31/22 19:26*	*1*
o-Terphenyl	*117*		*70 - 130*	*07/29/22 13:05*	*07/31/22 19:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.4**		5.01		mg/Kg			07/30/22 02:07	1

Client Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: CS-9

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-21

Matrix: Solid

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		07/29/22 10:52	07/29/22 20:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:52	07/29/22 20:04	1
Ethylbenzene	<0.00202	U *-	0.00202		mg/Kg		07/29/22 10:52	07/29/22 20:04	1
m-Xylene & p-Xylene	<0.00403	U *1 *-	0.00403		mg/Kg		07/29/22 10:52	07/29/22 20:04	1
o-Xylene	<0.00202	U *+ *1	0.00202		mg/Kg		07/29/22 10:52	07/29/22 20:04	1
Xylenes, Total	<0.00403	U *+ *1	0.00403		mg/Kg		07/29/22 10:52	07/29/22 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/29/22 10:52*	*07/29/22 20:04*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/29/22 10:52*	*07/29/22 20:04*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			07/30/22 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			07/31/22 10:33	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	<50.0	U *1	50.0		mg/Kg		07/29/22 13:01	07/30/22 13:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 13:21	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*07/29/22 13:01*	*07/30/22 13:21*	*1*
o-Terphenyl	*99*		*70 - 130*	*07/29/22 13:01*	*07/30/22 13:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.9**		4.98		mg/Kg			07/30/22 00:45	1

Surrogate Summary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-17511-A-1-A MS	Matrix Spike	104	99
880-17511-A-1-B MSD	Matrix Spike Duplicate	100	100
890-2665-A-1-C MS	Matrix Spike	104	100
890-2665-A-1-D MSD	Matrix Spike Duplicate	103	103
890-2672-1	SW-1	96	103
890-2672-1 MS	SW-1	97	103
890-2672-1 MSD	SW-1	98	106
890-2672-2	SW-2	77	105
890-2672-3	SW-3	89	109
890-2672-4	SW-4	95	112
890-2672-5	SW-5	92	105
890-2672-6	SW-6	90	103
890-2672-7	SW-7	93	104
890-2672-8	SW-8	103	108
890-2672-9	SW-9	82	102
890-2672-10	SW-10	88	102
890-2672-11	SW-11	121	104
890-2672-12	SW-12	70	114
890-2672-13	CS-1	90	102
890-2672-14	CS-2	88	103
890-2672-15	CS-3	94	106
890-2672-16	CS-4	101	99
890-2672-17	CS-5	78	111
890-2672-18	CS-6	69 S1-	89
890-2672-19	CS-7	91	106
890-2672-20	CS-8	77	105
890-2672-21	CS-9	98	105
LCS 880-30987/1-A	Lab Control Sample	94	111
LCS 880-30988/1-A	Lab Control Sample	98	101
LCS 880-31011/1-A	Lab Control Sample	104	97
LCSD 880-30987/2-A	Lab Control Sample Dup	89	113
LCSD 880-30988/2-A	Lab Control Sample Dup	129	79
LCSD 880-31011/2-A	Lab Control Sample Dup	104	99
MB 880-30987/5-A	Method Blank	73	94
MB 880-30988/5-A	Method Blank	95	101
MB 880-31011/5-A	Method Blank	96	101

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)
890-2670-A-1-B MS	Matrix Spike	110	108
890-2670-A-1-C MSD	Matrix Spike Duplicate	104	97
890-2672-1	SW-1	79	89

Surrogate Summary

Client: NT Global
Job ID: 890-2672-1
Project/Site: Rebel 20 CTB (Spill #1)
SDG: Lea County NM

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-2672-1 MS	SW-1	73	80								
890-2672-1 MSD	SW-1	90	89								
890-2672-2	SW-2	89	99								
890-2672-3	SW-3	110	122								
890-2672-4	SW-4	83	93								
890-2672-5	SW-5	111	125								
890-2672-6	SW-6	109	120								
890-2672-7	SW-7	93	103								
890-2672-8	SW-8	101	110								
890-2672-9	SW-9	102	115								
890-2672-10	SW-10	81	91								
890-2672-11	SW-11	107	118								
890-2672-12	SW-12	90	101								
890-2672-13	CS-1	79	88								
890-2672-14	CS-2	99	110								
890-2672-15	CS-3	98	108								
890-2672-16	CS-4	109	120								
890-2672-17	CS-5	85	95								
890-2672-18	CS-6	88	99								
890-2672-19	CS-7	85	100								
890-2672-20	CS-8	108	117								
890-2672-21	CS-9	91	99								
LCS 880-31009/2-A	Lab Control Sample	115	133 S1+								
LCS 880-31010/2-A	Lab Control Sample	109	115								
LCSD 880-31009/3-A	Lab Control Sample Dup	103	117								
LCSD 880-31010/3-A	Lab Control Sample Dup	97	111								
MB 880-31009/1-A	Method Blank	104	117								
MB 880-31010/1-A	Method Blank	101	123								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-30987/5-A
Matrix: Solid
Analysis Batch: 31071

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30987

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/30/22 21:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/30/22 21:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/30/22 21:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 10:37	07/30/22 21:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:37	07/30/22 21:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 10:37	07/30/22 21:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*70 - 130*	*07/29/22 10:37*	*07/30/22 21:27*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/29/22 10:37*	*07/30/22 21:27*	*1*

Lab Sample ID: LCS 880-30987/1-A
Matrix: Solid
Analysis Batch: 31071

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30987

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1063		mg/Kg		106	70 - 130
Toluene	0.100	0.09658		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09658		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1962		mg/Kg		98	70 - 130
o-Xylene	0.100	0.1050		mg/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 880-30987/2-A
Matrix: Solid
Analysis Batch: 31071

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30987

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1065		mg/Kg		106	70 - 130	0	35
Toluene	0.100	0.09627		mg/Kg		96	70 - 130	0	35
Ethylbenzene	0.100	0.09296		mg/Kg		93	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.1890		mg/Kg		95	70 - 130	4	35
o-Xylene	0.100	0.1036		mg/Kg		104	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: 890-2672-1 MS
Matrix: Solid
Analysis Batch: 31071

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 30987

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.101	0.09519		mg/Kg		94	70 - 130
Toluene	<0.00202	U	0.101	0.08797		mg/Kg		87	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

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

Lab Sample ID: 890-2672-1 MS
Matrix: Solid
Analysis Batch: 31071

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 30987

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.101	0.08884		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00404	U	0.202	0.1823		mg/Kg		90	70 - 130
o-Xylene	<0.00202	U	0.101	0.09994		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 890-2672-1 MSD
Matrix: Solid
Analysis Batch: 31071

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 30987

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09825		mg/Kg		98	70 - 130	3	35
Toluene	<0.00202	U	0.100	0.08606		mg/Kg		86	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.08190		mg/Kg		82	70 - 130	8	35
m-Xylene & p-Xylene	<0.00404	U	0.200	0.1693		mg/Kg		84	70 - 130	7	35
o-Xylene	<0.00202	U	0.100	0.09342		mg/Kg		93	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 880-30988/5-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30988

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 10:52	07/29/22 13:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/29/22 10:52*	*07/29/22 13:46*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/29/22 10:52*	*07/29/22 13:46*	*1*

Lab Sample ID: LCS 880-30988/1-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30988

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09249		mg/Kg		92	70 - 130
Toluene	0.100	0.09887		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.08511		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1718		mg/Kg		86	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-30988/1-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30988

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1010		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-30988/2-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30988

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07256		mg/Kg		73	70 - 130	24	35
Toluene			0.100	0.1122		mg/Kg		112	70 - 130	13	35
Ethylbenzene			0.100	0.1177		mg/Kg		118	70 - 130	32	35
m-Xylene & p-Xylene			0.200	0.2567	*1	mg/Kg		128	70 - 130	40	35
o-Xylene			0.100	0.1484	*+ *1	mg/Kg		148	70 - 130	38	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

Lab Sample ID: 880-17511-A-1-A MS
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 30988

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U *-	0.101	0.07857		mg/Kg		78	70 - 130		
Toluene	<0.00200	U	0.101	0.09503		mg/Kg		94	70 - 130		
Ethylbenzene	<0.00200	U *-	0.101	0.08459		mg/Kg		84	70 - 130		
m-Xylene & p-Xylene	<0.00401	U *1 *-	0.201	0.1735		mg/Kg		86	70 - 130		
o-Xylene	<0.00200	U *+ *1	0.101	0.09960		mg/Kg		99	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-17511-A-1-B MSD
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30988

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U *-	0.101	0.08310		mg/Kg		82	70 - 130	6	35
Toluene	<0.00200	U	0.101	0.09709		mg/Kg		96	70 - 130	2	35
Ethylbenzene	<0.00200	U *-	0.101	0.08542		mg/Kg		85	70 - 130	1	35
m-Xylene & p-Xylene	<0.00401	U *1 *-	0.202	0.1739		mg/Kg		86	70 - 130	0	35
o-Xylene	<0.00200	U *+ *1	0.101	0.1008		mg/Kg		100	70 - 130	1	35

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

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

Lab Sample ID: 880-17511-A-1-B MSD
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 30988

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

Lab Sample ID: MB 880-31011/5-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31011

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 13:17	07/30/22 01:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	07/29/22 13:17	07/30/22 01:37	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/29/22 13:17	07/30/22 01:37	1

Lab Sample ID: LCS 880-31011/1-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31011

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07777		mg/Kg		78	70 - 130		
Toluene			0.100	0.09255		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.08154		mg/Kg		82	70 - 130		
m-Xylene & p-Xylene			0.200	0.1658		mg/Kg		83	70 - 130		
o-Xylene			0.100	0.09992		mg/Kg		100	70 - 130		

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

Lab Sample ID: LCSD 880-31011/2-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31011

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.06253	*-	mg/Kg		63	70 - 130	22	35
Toluene			0.100	0.07063		mg/Kg		71	70 - 130	27	35
Ethylbenzene			0.100	0.06380	*-	mg/Kg		64	70 - 130	24	35
m-Xylene & p-Xylene			0.200	0.1309	*-	mg/Kg		65	70 - 130	24	35
o-Xylene			0.100	0.07995		mg/Kg		80	70 - 130	22	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

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

Lab Sample ID: LCSD 880-31011/2-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31011

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-2665-A-1-C MS
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 31011

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U *-	0.101	0.08983		mg/Kg		89	70 - 130
Toluene	<0.00202	U	0.101	0.09393		mg/Kg		93	70 - 130
Ethylbenzene	<0.00202	U *-	0.101	0.08053		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00404	U *-	0.202	0.1598		mg/Kg		79	70 - 130
o-Xylene	<0.00202	U	0.101	0.09468		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-2665-A-1-D MSD
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 31011

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U *-	0.100	0.08740		mg/Kg		87	70 - 130	3	35
Toluene	<0.00202	U	0.100	0.09226		mg/Kg		92	70 - 130	2	35
Ethylbenzene	<0.00202	U *-	0.100	0.07873		mg/Kg		79	70 - 130	2	35
m-Xylene & p-Xylene	<0.00404	U *-	0.200	0.1573		mg/Kg		79	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.09257		mg/Kg		92	70 - 130	2	35

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

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

Lab Sample ID: MB 880-31009/1-A
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31009

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 10:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 10:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:01	07/30/22 10:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	07/29/22 13:01	07/30/22 10:06	1
o-Terphenyl	117		70 - 130	07/29/22 13:01	07/30/22 10:06	1

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-31009/2-A
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31009

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1166		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1043		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*115*		*70 - 130*
o-Terphenyl	*133*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-31009/3-A
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31009

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	932.2	*1	mg/Kg		93	70 - 130	22	20
Diesel Range Organics (Over C10-C28)			1000	919.7		mg/Kg		92	70 - 130	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: 890-2670-A-1-B MS
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 31009

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	871.8		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	772.9		mg/Kg		77	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: 890-2670-A-1-C MSD
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 31009

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	999	995.4		mg/Kg		98	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	706.7		mg/Kg		71	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

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

Lab Sample ID: 890-2670-A-1-C MSD
Matrix: Solid
Analysis Batch: 31049

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 31009

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	97		70 - 130

Lab Sample ID: MB 880-31010/1-A
Matrix: Solid
Analysis Batch: 31085

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31010

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 10:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 10:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/29/22 13:05	07/31/22 10:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	07/29/22 13:05	07/31/22 10:23	1
o-Terphenyl	123		70 - 130	07/29/22 13:05	07/31/22 10:23	1

Lab Sample ID: LCS 880-31010/2-A
Matrix: Solid
Analysis Batch: 31085

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31010

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	918.4		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	821.5		mg/Kg		82	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: LCSD 880-31010/3-A
Matrix: Solid
Analysis Batch: 31085

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31010

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	822.9		mg/Kg		82	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	806.5		mg/Kg		81	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	111		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

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

Lab Sample ID: 890-2672-1 MS
Matrix: Solid
Analysis Batch: 31085

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 31010

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1078		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	591.7	F1	mg/Kg		59	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*73*		*70 - 130*
o-Terphenyl	*80*		*70 - 130*

Lab Sample ID: 890-2672-1 MSD
Matrix: Solid
Analysis Batch: 31085

Client Sample ID: SW-1
Prep Type: Total/NA
Prep Batch: 31010

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1004		mg/Kg		100	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	660.1	F1	mg/Kg		66	70 - 130	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*90*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30994/1-A
Matrix: Solid
Analysis Batch: 31032

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			07/29/22 22:11	1

Lab Sample ID: LCS 880-30994/2-A
Matrix: Solid
Analysis Batch: 31032

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.0		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-30994/3-A
Matrix: Solid
Analysis Batch: 31032

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	266.2		mg/Kg		106	90 - 110	2	20

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-2672-1 MS — **Client Sample ID: SW-1**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	251		252	507.6		mg/Kg		102	90 - 110

Lab Sample ID: 890-2672-1 MSD — **Client Sample ID: SW-1**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	251		252	509.3		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-2672-11 MS — **Client Sample ID: SW-11**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	490		250	722.6		mg/Kg		93	90 - 110

Lab Sample ID: 890-2672-11 MSD — **Client Sample ID: SW-11**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	490		250	721.0		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-30995/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31033

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/29/22 22:18	1

Lab Sample ID: LCS 880-30995/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31033

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	257.8		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-30995/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31033

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

Lab Sample ID: 880-17511-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31033

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	22.3		249	256.2		mg/Kg		94	90 - 110

QC Sample Results

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-17511-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31033

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	22.3		249	249.4		mg/Kg		91	90 - 110	3	20

Lab Sample ID: 890-2673-A-1-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31033

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.7		250	261.6		mg/Kg		95	90 - 110

Lab Sample ID: 890-2673-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 31033

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.7		250	274.0		mg/Kg		99	90 - 110	5	20

QC Association Summary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

GC VOA

Analysis Batch: 30959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-21	CS-9	Total/NA	Solid	8021B	30988
MB 880-30988/5-A	Method Blank	Total/NA	Solid	8021B	30988
MB 880-31011/5-A	Method Blank	Total/NA	Solid	8021B	31011
LCS 880-30988/1-A	Lab Control Sample	Total/NA	Solid	8021B	30988
LCS 880-31011/1-A	Lab Control Sample	Total/NA	Solid	8021B	31011
LCSD 880-30988/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30988
LCSD 880-31011/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31011
880-17511-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	30988
880-17511-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	30988
890-2665-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	31011
890-2665-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	31011

Prep Batch: 30987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-1	SW-1	Total/NA	Solid	5035	
890-2672-2	SW-2	Total/NA	Solid	5035	
890-2672-3	SW-3	Total/NA	Solid	5035	
890-2672-4	SW-4	Total/NA	Solid	5035	
890-2672-5	SW-5	Total/NA	Solid	5035	
890-2672-6	SW-6	Total/NA	Solid	5035	
890-2672-7	SW-7	Total/NA	Solid	5035	
890-2672-8	SW-8	Total/NA	Solid	5035	
890-2672-9	SW-9	Total/NA	Solid	5035	
890-2672-10	SW-10	Total/NA	Solid	5035	
890-2672-11	SW-11	Total/NA	Solid	5035	
890-2672-12	SW-12	Total/NA	Solid	5035	
890-2672-13	CS-1	Total/NA	Solid	5035	
890-2672-14	CS-2	Total/NA	Solid	5035	
890-2672-15	CS-3	Total/NA	Solid	5035	
890-2672-16	CS-4	Total/NA	Solid	5035	
890-2672-17	CS-5	Total/NA	Solid	5035	
890-2672-18	CS-6	Total/NA	Solid	5035	
890-2672-19	CS-7	Total/NA	Solid	5035	
890-2672-20	CS-8	Total/NA	Solid	5035	
MB 880-30987/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30987/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30987/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2672-1 MS	SW-1	Total/NA	Solid	5035	
890-2672-1 MSD	SW-1	Total/NA	Solid	5035	

Prep Batch: 30988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-21	CS-9	Total/NA	Solid	5035	
MB 880-30988/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30988/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30988/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17511-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-17511-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

GC VOA

Prep Batch: 31011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31011/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31011/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31011/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2665-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-2665-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 31071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-1	SW-1	Total/NA	Solid	8021B	30987
890-2672-2	SW-2	Total/NA	Solid	8021B	30987
890-2672-3	SW-3	Total/NA	Solid	8021B	30987
890-2672-4	SW-4	Total/NA	Solid	8021B	30987
890-2672-5	SW-5	Total/NA	Solid	8021B	30987
890-2672-6	SW-6	Total/NA	Solid	8021B	30987
890-2672-7	SW-7	Total/NA	Solid	8021B	30987
890-2672-8	SW-8	Total/NA	Solid	8021B	30987
890-2672-9	SW-9	Total/NA	Solid	8021B	30987
890-2672-10	SW-10	Total/NA	Solid	8021B	30987
890-2672-11	SW-11	Total/NA	Solid	8021B	30987
890-2672-12	SW-12	Total/NA	Solid	8021B	30987
890-2672-13	CS-1	Total/NA	Solid	8021B	30987
890-2672-14	CS-2	Total/NA	Solid	8021B	30987
890-2672-15	CS-3	Total/NA	Solid	8021B	30987
890-2672-16	CS-4	Total/NA	Solid	8021B	30987
890-2672-17	CS-5	Total/NA	Solid	8021B	30987
890-2672-18	CS-6	Total/NA	Solid	8021B	30987
890-2672-19	CS-7	Total/NA	Solid	8021B	30987
890-2672-20	CS-8	Total/NA	Solid	8021B	30987
MB 880-30987/5-A	Method Blank	Total/NA	Solid	8021B	30987
LCS 880-30987/1-A	Lab Control Sample	Total/NA	Solid	8021B	30987
LCSD 880-30987/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30987
890-2672-1 MS	SW-1	Total/NA	Solid	8021B	30987
890-2672-1 MSD	SW-1	Total/NA	Solid	8021B	30987

Analysis Batch: 31072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-1	SW-1	Total/NA	Solid	Total BTEX	
890-2672-2	SW-2	Total/NA	Solid	Total BTEX	
890-2672-3	SW-3	Total/NA	Solid	Total BTEX	
890-2672-4	SW-4	Total/NA	Solid	Total BTEX	
890-2672-5	SW-5	Total/NA	Solid	Total BTEX	
890-2672-6	SW-6	Total/NA	Solid	Total BTEX	
890-2672-7	SW-7	Total/NA	Solid	Total BTEX	
890-2672-8	SW-8	Total/NA	Solid	Total BTEX	
890-2672-9	SW-9	Total/NA	Solid	Total BTEX	
890-2672-10	SW-10	Total/NA	Solid	Total BTEX	
890-2672-11	SW-11	Total/NA	Solid	Total BTEX	
890-2672-12	SW-12	Total/NA	Solid	Total BTEX	
890-2672-13	CS-1	Total/NA	Solid	Total BTEX	
890-2672-14	CS-2	Total/NA	Solid	Total BTEX	
890-2672-15	CS-3	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 31072 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-16	CS-4	Total/NA	Solid	Total BTEX	
890-2672-17	CS-5	Total/NA	Solid	Total BTEX	
890-2672-18	CS-6	Total/NA	Solid	Total BTEX	
890-2672-19	CS-7	Total/NA	Solid	Total BTEX	
890-2672-20	CS-8	Total/NA	Solid	Total BTEX	
890-2672-21	CS-9	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 31009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-21	CS-9	Total/NA	Solid	8015NM Prep	
MB 880-31009/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31009/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31009/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2670-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2670-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 31010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-1	SW-1	Total/NA	Solid	8015NM Prep	
890-2672-2	SW-2	Total/NA	Solid	8015NM Prep	
890-2672-3	SW-3	Total/NA	Solid	8015NM Prep	
890-2672-4	SW-4	Total/NA	Solid	8015NM Prep	
890-2672-5	SW-5	Total/NA	Solid	8015NM Prep	
890-2672-6	SW-6	Total/NA	Solid	8015NM Prep	
890-2672-7	SW-7	Total/NA	Solid	8015NM Prep	
890-2672-8	SW-8	Total/NA	Solid	8015NM Prep	
890-2672-9	SW-9	Total/NA	Solid	8015NM Prep	
890-2672-10	SW-10	Total/NA	Solid	8015NM Prep	
890-2672-11	SW-11	Total/NA	Solid	8015NM Prep	
890-2672-12	SW-12	Total/NA	Solid	8015NM Prep	
890-2672-13	CS-1	Total/NA	Solid	8015NM Prep	
890-2672-14	CS-2	Total/NA	Solid	8015NM Prep	
890-2672-15	CS-3	Total/NA	Solid	8015NM Prep	
890-2672-16	CS-4	Total/NA	Solid	8015NM Prep	
890-2672-17	CS-5	Total/NA	Solid	8015NM Prep	
890-2672-18	CS-6	Total/NA	Solid	8015NM Prep	
890-2672-19	CS-7	Total/NA	Solid	8015NM Prep	
890-2672-20	CS-8	Total/NA	Solid	8015NM Prep	
MB 880-31010/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-31010/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-31010/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2672-1 MS	SW-1	Total/NA	Solid	8015NM Prep	
890-2672-1 MSD	SW-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 31049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-21	CS-9	Total/NA	Solid	8015B NM	31009
MB 880-31009/1-A	Method Blank	Total/NA	Solid	8015B NM	31009
LCS 880-31009/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31009

QC Association Summary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 31049 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-31009/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31009
890-2670-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	31009
890-2670-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	31009

Analysis Batch: 31085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-1	SW-1	Total/NA	Solid	8015B NM	31010
890-2672-2	SW-2	Total/NA	Solid	8015B NM	31010
890-2672-3	SW-3	Total/NA	Solid	8015B NM	31010
890-2672-4	SW-4	Total/NA	Solid	8015B NM	31010
890-2672-5	SW-5	Total/NA	Solid	8015B NM	31010
890-2672-6	SW-6	Total/NA	Solid	8015B NM	31010
890-2672-7	SW-7	Total/NA	Solid	8015B NM	31010
890-2672-8	SW-8	Total/NA	Solid	8015B NM	31010
890-2672-9	SW-9	Total/NA	Solid	8015B NM	31010
890-2672-10	SW-10	Total/NA	Solid	8015B NM	31010
890-2672-11	SW-11	Total/NA	Solid	8015B NM	31010
890-2672-12	SW-12	Total/NA	Solid	8015B NM	31010
890-2672-13	CS-1	Total/NA	Solid	8015B NM	31010
890-2672-14	CS-2	Total/NA	Solid	8015B NM	31010
890-2672-15	CS-3	Total/NA	Solid	8015B NM	31010
890-2672-16	CS-4	Total/NA	Solid	8015B NM	31010
890-2672-17	CS-5	Total/NA	Solid	8015B NM	31010
890-2672-18	CS-6	Total/NA	Solid	8015B NM	31010
890-2672-19	CS-7	Total/NA	Solid	8015B NM	31010
890-2672-20	CS-8	Total/NA	Solid	8015B NM	31010
MB 880-31010/1-A	Method Blank	Total/NA	Solid	8015B NM	31010
LCS 880-31010/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	31010
LCSD 880-31010/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	31010
890-2672-1 MS	SW-1	Total/NA	Solid	8015B NM	31010
890-2672-1 MSD	SW-1	Total/NA	Solid	8015B NM	31010

Analysis Batch: 31113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-1	SW-1	Total/NA	Solid	8015 NM	
890-2672-2	SW-2	Total/NA	Solid	8015 NM	
890-2672-3	SW-3	Total/NA	Solid	8015 NM	
890-2672-4	SW-4	Total/NA	Solid	8015 NM	
890-2672-5	SW-5	Total/NA	Solid	8015 NM	
890-2672-6	SW-6	Total/NA	Solid	8015 NM	
890-2672-7	SW-7	Total/NA	Solid	8015 NM	
890-2672-8	SW-8	Total/NA	Solid	8015 NM	
890-2672-9	SW-9	Total/NA	Solid	8015 NM	
890-2672-10	SW-10	Total/NA	Solid	8015 NM	
890-2672-11	SW-11	Total/NA	Solid	8015 NM	
890-2672-12	SW-12	Total/NA	Solid	8015 NM	
890-2672-13	CS-1	Total/NA	Solid	8015 NM	
890-2672-14	CS-2	Total/NA	Solid	8015 NM	
890-2672-15	CS-3	Total/NA	Solid	8015 NM	
890-2672-16	CS-4	Total/NA	Solid	8015 NM	
890-2672-17	CS-5	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 31113 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-18	CS-6	Total/NA	Solid	8015 NM	
890-2672-19	CS-7	Total/NA	Solid	8015 NM	
890-2672-20	CS-8	Total/NA	Solid	8015 NM	
890-2672-21	CS-9	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 30994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-1	SW-1	Soluble	Solid	DI Leach	
890-2672-2	SW-2	Soluble	Solid	DI Leach	
890-2672-3	SW-3	Soluble	Solid	DI Leach	
890-2672-4	SW-4	Soluble	Solid	DI Leach	
890-2672-5	SW-5	Soluble	Solid	DI Leach	
890-2672-6	SW-6	Soluble	Solid	DI Leach	
890-2672-7	SW-7	Soluble	Solid	DI Leach	
890-2672-8	SW-8	Soluble	Solid	DI Leach	
890-2672-9	SW-9	Soluble	Solid	DI Leach	
890-2672-10	SW-10	Soluble	Solid	DI Leach	
890-2672-11	SW-11	Soluble	Solid	DI Leach	
890-2672-12	SW-12	Soluble	Solid	DI Leach	
890-2672-13	CS-1	Soluble	Solid	DI Leach	
890-2672-14	CS-2	Soluble	Solid	DI Leach	
890-2672-15	CS-3	Soluble	Solid	DI Leach	
890-2672-16	CS-4	Soluble	Solid	DI Leach	
890-2672-17	CS-5	Soluble	Solid	DI Leach	
890-2672-18	CS-6	Soluble	Solid	DI Leach	
890-2672-19	CS-7	Soluble	Solid	DI Leach	
890-2672-20	CS-8	Soluble	Solid	DI Leach	
MB 880-30994/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30994/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30994/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2672-1 MS	SW-1	Soluble	Solid	DI Leach	
890-2672-1 MSD	SW-1	Soluble	Solid	DI Leach	
890-2672-11 MS	SW-11	Soluble	Solid	DI Leach	
890-2672-11 MSD	SW-11	Soluble	Solid	DI Leach	

Leach Batch: 30995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-21	CS-9	Soluble	Solid	DI Leach	
MB 880-30995/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30995/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30995/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17511-A-1-E MS	Matrix Spike	Soluble	Solid	DI Leach	
880-17511-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
890-2673-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-2673-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 31032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-1	SW-1	Soluble	Solid	300.0	30994

QC Association Summary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

HPLC/IC (Continued)

Analysis Batch: 31032 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-2	SW-2	Soluble	Solid	300.0	30994
890-2672-3	SW-3	Soluble	Solid	300.0	30994
890-2672-4	SW-4	Soluble	Solid	300.0	30994
890-2672-5	SW-5	Soluble	Solid	300.0	30994
890-2672-6	SW-6	Soluble	Solid	300.0	30994
890-2672-7	SW-7	Soluble	Solid	300.0	30994
890-2672-8	SW-8	Soluble	Solid	300.0	30994
890-2672-9	SW-9	Soluble	Solid	300.0	30994
890-2672-10	SW-10	Soluble	Solid	300.0	30994
890-2672-11	SW-11	Soluble	Solid	300.0	30994
890-2672-12	SW-12	Soluble	Solid	300.0	30994
890-2672-13	CS-1	Soluble	Solid	300.0	30994
890-2672-14	CS-2	Soluble	Solid	300.0	30994
890-2672-15	CS-3	Soluble	Solid	300.0	30994
890-2672-16	CS-4	Soluble	Solid	300.0	30994
890-2672-17	CS-5	Soluble	Solid	300.0	30994
890-2672-18	CS-6	Soluble	Solid	300.0	30994
890-2672-19	CS-7	Soluble	Solid	300.0	30994
890-2672-20	CS-8	Soluble	Solid	300.0	30994
MB 880-30994/1-A	Method Blank	Soluble	Solid	300.0	30994
LCS 880-30994/2-A	Lab Control Sample	Soluble	Solid	300.0	30994
LCSD 880-30994/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30994
890-2672-1 MS	SW-1	Soluble	Solid	300.0	30994
890-2672-1 MSD	SW-1	Soluble	Solid	300.0	30994
890-2672-11 MS	SW-11	Soluble	Solid	300.0	30994
890-2672-11 MSD	SW-11	Soluble	Solid	300.0	30994

Analysis Batch: 31033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2672-21	CS-9	Soluble	Solid	300.0	30995
MB 880-30995/1-A	Method Blank	Soluble	Solid	300.0	30995
LCS 880-30995/2-A	Lab Control Sample	Soluble	Solid	300.0	30995
LCSD 880-30995/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30995
880-17511-A-1-E MS	Matrix Spike	Soluble	Solid	300.0	30995
880-17511-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	30995
890-2673-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	30995
890-2673-A-1-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	30995

Lab Chronicle

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-1
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/30/22 21:54	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 11:29	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/29/22 22:35	CH	XEN MID

Client Sample ID: SW-2
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/30/22 22:20	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 12:33	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/29/22 22:58	CH	XEN MID

Client Sample ID: SW-3
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/30/22 22:46	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 12:55	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/29/22 23:06	CH	XEN MID

Client Sample ID: SW-4
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/30/22 23:13	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-4

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 13:17	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/29/22 23:14	CH	XEN MID

Client Sample ID: SW-5

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/30/22 23:39	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 13:39	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/29/22 23:22	CH	XEN MID

Client Sample ID: SW-6

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 00:04	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 14:00	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/29/22 23:45	CH	XEN MID

Client Sample ID: SW-7

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 00:30	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 14:22	SM	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-7

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/29/22 23:53	CH	XEN MID

Client Sample ID: SW-8

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 00:55	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 14:44	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 00:01	CH	XEN MID

Client Sample ID: SW-9

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 01:21	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 15:06	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 00:09	CH	XEN MID

Client Sample ID: SW-10

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 01:46	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 15:28	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 00:17	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: SW-11

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 03:29	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 16:11	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 00:25	CH	XEN MID

Client Sample ID: SW-12

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 03:54	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 16:32	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 00:48	CH	XEN MID

Client Sample ID: CS-1

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 04:20	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 16:54	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 00:56	CH	XEN MID

Client Sample ID: CS-2

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 04:46	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: CS-2

Lab Sample ID: 890-2672-14
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 17:16	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 01:20	CH	XEN MID

Client Sample ID: CS-3

Lab Sample ID: 890-2672-15
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 05:11	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 17:37	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 01:28	CH	XEN MID

Client Sample ID: CS-4

Lab Sample ID: 890-2672-16
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 05:37	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 17:59	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 01:35	CH	XEN MID

Client Sample ID: CS-5

Lab Sample ID: 890-2672-17
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 06:03	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 18:21	SM	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: CS-5

Lab Sample ID: 890-2672-17
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 01:43	CH	XEN MID

Client Sample ID: CS-6

Lab Sample ID: 890-2672-18
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 06:29	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 18:42	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 01:51	CH	XEN MID

Client Sample ID: CS-7

Lab Sample ID: 890-2672-19
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 06:55	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 19:04	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 01:59	CH	XEN MID

Client Sample ID: CS-8

Lab Sample ID: 890-2672-20
Matrix: Solid
Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

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	30987	07/29/22 10:37	EL	XEN MID
Total/NA	Analysis	8021B		1			31071	07/31/22 07:22	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	31010	07/29/22 13:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31085	07/31/22 19:26	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30994	07/29/22 11:20	SMC	XEN MID
Soluble	Analysis	300.0		1			31032	07/30/22 02:07	CH	XEN MID

Lab Chronicle

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Client Sample ID: CS-9

Date Collected: 07/27/22 00:00
Date Received: 07/28/22 09:50

Lab Sample ID: 890-2672-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 20:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			31072	07/30/22 18:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			31113	07/31/22 10:33	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	31009	07/29/22 13:01	DM	XEN MID
Total/NA	Analysis	8015B NM		1			31049	07/30/22 13:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30995	07/29/22 11:23	SMC	XEN MID
Soluble	Analysis	300.0		1			31033	07/30/22 00:45	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

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

Protocol References:

ASTM = ASTM International

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

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Rebel 20 CTB (Spill #1)

Job ID: 890-2672-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-2672-1	SW-1	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-2	SW-2	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-3	SW-3	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-4	SW-4	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-5	SW-5	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-6	SW-6	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-7	SW-7	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-8	SW-8	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-9	SW-9	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-10	SW-10	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-11	SW-11	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-12	SW-12	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-13	CS-1	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-14	CS-2	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-15	CS-3	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-16	CS-4	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-17	CS-5	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-18	CS-6	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-19	CS-7	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-20	CS-8	Solid	07/27/22 00:00	07/28/22 09:50
890-2672-21	CS-9	Solid	07/27/22 00:00	07/28/22 09:50

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

Page ___1___ of __3____

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ uperfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Rebel 20 CTB (spill #1)	Turn Around	
Project Number:	225511	☐ Routine ☑ Rush	
Project Location	Lea Co NM	Due Date:	24Hr
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm	
PO #	21025271		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	TWN-007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	5.6
Total Containers:	21	Corrected Temperature:	5.4

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD
SW-1	7/27/2022		X		Comp	1	X	X	X	
SW-2	7/27/2022		X		Comp	1	X	X	X	
SW-3	7/27/2022		X		Comp	1	X	X	X	
SW-4	7/27/2022		X		Comp	1	X	X	X	
SW-5	7/27/2022		X		Comp	1	X	X	X	
SW-6	7/27/2022		X		Comp	1	X	X	X	
SW-7	7/27/2022		X		Comp	1	X	X	X	
SW-8	7/27/2022		X		Comp	1	X	X	X	
SW-9	7/27/2022		X		Comp	1	X	X	X	
SW-10	7/27/2022		X		Comp	1	X	X	X	

890-2672 Chain of Custody

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Comments

Additional Comments:

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

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			7-28-22 950			
3				4		
5				6		

Revised Date 05012020 Rev. 2020.1

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

Page 2 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Rebel 20 CTB (spill#1)	Turn Around	☐ Routine ☑ Rush
Project Number:	225511		
Project Location	Lea Co NM	Due Date:	24hr
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	21025271		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	21	Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-11	7/27/2022		X		Comp	1		X	X	X		
SW-12	7/27/2022		X		Comp	1		X	X	X		
CS-1	7/27/2022		X		Comp	1		X	X	X		
CS-2	7/27/2022		X		Comp	1		X	X	X		
CS-3	7/27/2022		X		Comp	1		X	X	X		
CS-4	7/27/2022		X		Comp	1		X	X	X		
CS-5	7/27/2022		X		Comp	1		X	X	X		
CS-6	7/27/2022		X		Comp	1		X	X	X		
CS-7	7/27/2022		X		Comp	1		X	X	X		
CS-8	7/27/2022		X		Comp	1		X	X	X		

Parameters

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

Page 3 of 3

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Rebel 20 CTB (spill #1)	Turn Around	
Project Number:	225511	☐ Routine	☑ Rush
Project Location	Lea Co NM	Due Date:	24Hr
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	21025271		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	T1	
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	21	Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
CS-9	7/27/2022		X		Comp	1		X	X	X		

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2672-1
SDG Number: Lea County NM

Login Number: 2672
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	True	
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	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2672-1
SDG Number: Lea County NM

Login Number: 2672
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 07/29/22 10:24 AM

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.	True	
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	

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

September 15, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: REBEL 20 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/09/22 11:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REBEL 20 CTB Project Number: 225511 Project Manager: ETHAN SESSUMS Fax To:	Reported: 15-Sep-22 15:50

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 13	H223557-01	Soil	08-Aug-22 00:00	09-Aug-22 11:44
SW - 14	H223557-02	Soil	08-Aug-22 00:00	09-Aug-22 11:44
SW - 15	H223557-03	Soil	08-Aug-22 00:00	09-Aug-22 11:44
SW - 16	H223557-04	Soil	08-Aug-22 00:00	09-Aug-22 11:44
CS - 6 (4.5')	H223557-05	Soil	08-Aug-22 00:00	09-Aug-22 11:44
CS - 7 (4.5')	H223557-06	Soil	08-Aug-22 00:00	09-Aug-22 11:44

08/25/22 - Client changed the sample IDs for -05 and -06 (see COC). This is the revised report and will replace the one sent on 08/10/22.
08/31/22 - Client changed the sample depth on -06 (see COC). This is the 2nd revision of the report and will replace the one sent on 08/25/22.
09/15/22 - Client changed the sample depth on -05 and -06 to 4.5' (see COC). This is the 3rd revision of the report and will replace the one sent on 08/31/22.

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REBEL 20 CTB Project Number: 225511 Project Manager: ETHAN SESSUMS Fax To:	Reported: 15-Sep-22 15:50

SW - 13

H223557-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**304**		16.0	mg/kg	4	2081018	GM	10-Aug-22	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*115 %*	*69.9-140*		*2080912*	JH	*09-Aug-22*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
Surrogate: 1-Chlorooctane			*80.0 %*	*43-149*		*2080915*	MS	*10-Aug-22*	*8015B*	
Surrogate: 1-Chlorooctadecane			*93.0 %*	*42.5-161*		*2080915*	MS	*10-Aug-22*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REBEL 20 CTB Project Number: 225511 Project Manager: ETHAN SESSUMS Fax To:	Reported: 15-Sep-22 15:50

SW - 14

H223557-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	2081018	GM	10-Aug-22	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*116 %*	*69.9-140*		*2080912*	JH	*09-Aug-22*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
Surrogate: 1-Chlorooctane			*87.4 %*	*43-149*		*2080915*	MS	*10-Aug-22*	*8015B*	
Surrogate: 1-Chlorooctadecane			*100 %*	*42.5-161*		*2080915*	MS	*10-Aug-22*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REBEL 20 CTB Project Number: 225511 Project Manager: ETHAN SESSUMS Fax To:	Reported: 15-Sep-22 15:50

SW - 15

H223557-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**240**		16.0	mg/kg	4	2081018	GM	10-Aug-22	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*116 %*	*69.9-140*		*2080912*	JH	*09-Aug-22*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
Surrogate: 1-Chlorooctane			*89.8 %*	*43-149*		*2080915*	MS	*10-Aug-22*	*8015B*	
Surrogate: 1-Chlorooctadecane			*104 %*	*42.5-161*		*2080915*	MS	*10-Aug-22*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REBEL 20 CTB Project Number: 225511 Project Manager: ETHAN SESSUMS Fax To:	Reported: 15-Sep-22 15:50

SW - 16

H223557-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**96.0**		16.0	mg/kg	4	2081018	GM	10-Aug-22	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*117 %*	*69.9-140*		*2080912*	JH	*09-Aug-22*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
Surrogate: 1-Chlorooctane			*85.5 %*	*43-149*		*2080915*	MS	*10-Aug-22*	*8015B*	
Surrogate: 1-Chlorooctadecane			*102 %*	*42.5-161*		*2080915*	MS	*10-Aug-22*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REBEL 20 CTB Project Number: 225511 Project Manager: ETHAN SESSUMS Fax To:	Reported: 15-Sep-22 15:50

CS - 6 (4.5')

H223557-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**288**		16.0	mg/kg	4	2081018	GM	10-Aug-22	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*116 %*	*69.9-140*		*2080912*	JH	*09-Aug-22*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
Surrogate: 1-Chlorooctane			*77.0 %*	*43-149*		*2080915*	MS	*10-Aug-22*	*8015B*	
Surrogate: 1-Chlorooctadecane			*90.1 %*	*42.5-161*		*2080915*	MS	*10-Aug-22*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REBEL 20 CTB Project Number: 225511 Project Manager: ETHAN SESSUMS Fax To:	Reported: 15-Sep-22 15:50

CS - 7 (4.5')

H223557-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	2081018	GM	10-Aug-22	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2080912	JH	09-Aug-22	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*116 %*	*69.9-140*		*2080912*	JH	*09-Aug-22*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2080915	MS	10-Aug-22	8015B	
Surrogate: 1-Chlorooctane			*84.6 %*	*43-149*		*2080915*	MS	*10-Aug-22*	*8015B*	
Surrogate: 1-Chlorooctadecane			*99.2 %*	*42.5-161*		*2080915*	MS	*10-Aug-22*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REBEL 20 CTB Project Number: 225511 Project Manager: ETHAN SESSUMS Fax To:	Reported: 15-Sep-22 15:50

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2081018 - 1:4 DI Water										
Blank (2081018-BLK1)				Prepared & Analyzed: 10-Aug-22						
Chloride	ND	16.0	mg/kg							
LCS (2081018-BS1)				Prepared & Analyzed: 10-Aug-22						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2081018-BSD1)				Prepared & Analyzed: 10-Aug-22						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REBEL 20 CTB Project Number: 225511 Project Manager: ETHAN SESSUMS Fax To:	Reported: 15-Sep-22 15:50

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2080912 - Volatiles										
Blank (2080912-BLK1)				Prepared & Analyzed: 09-Aug-22						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0572*		mg/kg	*0.0500*		*114*	*69.9-140*			
LCS (2080912-BS1)				Prepared & Analyzed: 09-Aug-22						
Benzene	1.92	0.050	mg/kg	2.00		95.9	83.4-122			
Toluene	2.01	0.050	mg/kg	2.00		101	84.2-126			
Ethylbenzene	2.05	0.050	mg/kg	2.00		103	84.2-121			
m,p-Xylene	4.27	0.100	mg/kg	4.00		107	89.9-126			
o-Xylene	2.05	0.050	mg/kg	2.00		103	84.3-123			
Total Xylenes	6.32	0.150	mg/kg	6.00		105	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0566*		mg/kg	*0.0500*		*113*	*69.9-140*			
LCS Dup (2080912-BSD1)				Prepared & Analyzed: 09-Aug-22						
Benzene	1.88	0.050	mg/kg	2.00		94.1	83.4-122	1.95	12.6	
Toluene	1.98	0.050	mg/kg	2.00		99.0	84.2-126	1.71	13.3	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	84.2-121	1.64	13.9	
m,p-Xylene	4.19	0.100	mg/kg	4.00		105	89.9-126	1.85	13.6	
o-Xylene	2.02	0.050	mg/kg	2.00		101	84.3-123	1.72	14.1	
Total Xylenes	6.21	0.150	mg/kg	6.00		103	89.1-124	1.81	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0554*		mg/kg	*0.0500*		*111*	*69.9-140*			

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: REBEL 20 CTB Project Number: 225511 Project Manager: ETHAN SESSUMS Fax To:	Reported: 15-Sep-22 15:50

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2080915 - General Prep - Organics										
Blank (2080915-BLK1)				Prepared & Analyzed: 09-Aug-22						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*40.3*		mg/kg	*50.0*		*80.5*	*43-149*			
Surrogate: 1-Chlorooctadecane	*45.8*		mg/kg	*50.0*		*91.6*	*42.5-161*			
LCS (2080915-BS1)				Prepared & Analyzed: 09-Aug-22						
GRO C6-C10	214	10.0	mg/kg	200		107	78.5-128			
DRO >C10-C28	202	10.0	mg/kg	200		101	75.8-135			
Total TPH C6-C28	417	10.0	mg/kg	400		104	81.5-127			
Surrogate: 1-Chlorooctane	*46.8*		mg/kg	*50.0*		*93.6*	*43-149*			
Surrogate: 1-Chlorooctadecane	*54.4*		mg/kg	*50.0*		*109*	*42.5-161*			
LCS Dup (2080915-BSD1)				Prepared & Analyzed: 09-Aug-22						
GRO C6-C10	230	10.0	mg/kg	200		115	78.5-128	7.29	21.4	
DRO >C10-C28	211	10.0	mg/kg	200		105	75.8-135	4.14	17.9	
Total TPH C6-C28	441	10.0	mg/kg	400		110	81.5-127	5.77	17.6	
Surrogate: 1-Chlorooctane	*50.5*		mg/kg	*50.0*		*101*	*43-149*			
Surrogate: 1-Chlorooctadecane	*57.6*		mg/kg	*50.0*		*115*	*42.5-161*			

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H223557-1-0

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Rebel 20 CTB	Turn Around	
Project Number:	225511	☐ Routine	☑ Rush
Project Location	Lee Co	Due Date:	24HR
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	21025271		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	113
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2°C
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	3.1°C
Total Containers:	6	Corrected Temperature:	2.5°C

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-13	8/8/2022		X		Comp	1		X	X	X		
SW-14	8/8/2022		X		Comp	1		X	X	X		
SW-15	8/8/2022		X		Comp	1		X	X	X		
SW-16	8/8/2022		X		Comp	1		X	X	X		
CS-10(4) 4.5'**	8/8/2022		X		Comp	1		X	X	X		
CS-11(5) 4' * 4.5 **	8/8/2022		X		Comp	1		X	X	X		
7												
T°. 8/25/22												

-223557-1-0

Additional Comments: * Sample depth revised as per Ethan. 8/31/22 CK
** Sample depth changed as per Ethan. 9/15/22 CK

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		8/9/22 1144	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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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 151545

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 151545
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	11/10/2022