



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

June 2, 2022

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

**Re: Closure Report
Cotton Draw #278H
Devon Energy Production Company
Site Location: Unit A, S11, T25S, R31E
(Lat 32.1375735°, Long -103.74015631°)
Eddy County, New Mexico
Incident ID: nAPP2206131713**

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 Cotton Draw Unit #278H(Site). The Site is located approximately 35 miles southeast of Carlsbad, 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 March 2, 2022. The release was a result of equipment failure which resulted in the release of approximately 35 barrels (bbls) of produced water of which 35 bbls were recovered. Upon discovery, the well was shut-in and area was secured. The release 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 1.87 miles north of the Site in S21, T25S, R31E. The well was drilled in 1976 and the reported depth to groundwater is 390.27 feet below ground surface (ft bgs). A 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

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Site Assessment

On March 14, 2022 and April 7, 2022, NTGE conducted site assessment activities to assess the horizontal and vertical extent of impacts at the Site. A total of 4 sample points (S-1 through S-4) were installed within the release area to characterize the impacts. Additionally, 7 horizontal delineation sample points (H-1 through H-7) were installed to define the extent of impacts. Soil samples were in 0.5 to 1 ft depth intervals and collected from depths ranging from 0 – 2.5 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 Cardinal Laboratories in Hobbs, New Mexico for chemical analysis. Soil samples were analyzed collected and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Analytical results identified elevated TPH and/or chloride concentrations across the release area. Soil impacts were confined to the upper 2.5 ft bgs in S-1 and 1.5 ft bgs in S-2 and S-3. Impacts identified in S-4 extended the total depth (2.5 ft bgs) of the soil boring. Analytical results from the horizontal delineation indicated sample points H-2 and H-7 were below the regulatory limit for all analytes; however, H-1, H-3, H-4, H-5, and H-6 results indicated elevated TPH and/or chloride concentration.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to the depths detailed below and illustrated on Figure 4.

- The area of S-1, S-2 and S-3 were excavated to a depth of 2 ft bgs
- The area of S-4 was excavated to a depth of 3 ft bgs

The soils were field screened during excavation activities to aide in determining final excavation depths, primarily in the areas of S-2, H-1, H-3, H-4, H-5, and H-6 where the vertical and horizontal delineation of impacts was not achieved during site assessment activities. A total of 53 confirmation samples were collected from the excavation base (CS-1 - CS-53) and 12 confirmation samples were collected from the excavation sidewalls (SW-1 - SW-12) to ensure impacted soil was removed.

The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Following receipt of the analytical results, 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.

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Closing

Based on the assessment and subsequent remedial action activities, the Site is in compliance 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
Jr. 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: Thursday, April 28, 2022 3:13 PM
To: ocd.enviro@state.nm.us
Subject: Sampling Event

We will be confirmation sampling at the Cotton Draw 278 ; 5-2-2022;

OCD incident numbers nAPP2206131713, NAPP2209139282, on behalf of DEVON around 9 a.m. MDT.

Ethan Sessums
Environmental Scientist
NTG Environmental New Mexico
402 E Wood Ave, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
<http://www.ntgenvironmental.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		

State of New Mexico
Oil Conservation Division

Incident ID	
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Facility ID	
Application ID	

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

Initial Response

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

☐ The source of the release has been stopped.	
☐ The impacted area has been secured to protect human health and the environment.	
☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
☐ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: _____	Title: _____
Signature: <u>Kendra Ruiz</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>04/14/2022</u>

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>6145.91</u>	<u>0.250</u>
Cubic Feet of Soil Impacted	<u>128.040</u>
Barrels of Soil Impacted	<u>22.82</u>
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	<u>3.42</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	<u>3.42</u>
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>2150</u>	<u>1.000</u>
Standing fluid	<u>31.937</u>
Total fluids spilled	<u>35.361</u>

Incident ID	nAPP2209139282
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.

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: Wesley Mathews Title: EHS Professional
Signature: *Wesley Mathews* Date: 06/28/2022
email: Wesley.Mathews@dvn.com Telephone: 575-578-6195

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Incident ID	nAPP2209139282
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: Wesley Mathews Title: EHS Professional
Signature: *Wesley Mathews* Date: 06/28/2022
email: Wesley.Mathews@dm.com Telephone: 575-578-6195

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: *Jennifer Nobui* Date: 08/19/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

Incident ID	nAPP2209139282
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?	390.27' (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

State of New Mexico
Oil Conservation Division

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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: Wesley Mathews Title: EHS Professional
Signature: *Wesley Mathews* Date: 06/28/2022
email: Wesley.Mathews@dvn.com Telephone: 575-578-6195

OCD Only

Received by: _____ Date: _____

SITE CHARACTERIZATION INFORMATION

Devon Energy - Cotton Draw Unit #278H
Sec 13 T25S R31E Unit A
32.137028, -103.725196
Eddy 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 318.02' below surface, 3.74 miles Southwest of the site, 1959 Drilled, Section 21, T25S, R31E
- USGS Groundwater is 390.27' below surface, 1.87 miles North of the site, 1976 Drilled, Section 2, T25S, R31E
- USGS Groundwater is 406.45' below surface, 2.18 miles North of the site, 1998 Drilled, Section 2, T25S, R31E
- NMSEO Groundwater is 390' below surface, 3.72 miles Southwest of the site, 1941 Drilled, Section 21, T25S, R31E

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
32.137028, -103.725196

Legend

- Site Location
- LOW

Cotton Draw Unit 278

Google Earth

Released to Imaging: 8/19/2022 11:35:14 AM

Image Landsat / Copernicus

1 mi

N

Nearest water well

Devon Energy
32.137028, -103.725196





(NAD83 UTM in meters)

Driller License:		Driller Company:	
Driller Name:	UNKNOWN		
Drill Start Date:		Drill Finish Date:	12/31/1941
Log File Date:		PCW Rev Date:	Source:
Pump Type:		Pipe Discharge Size:	Estimated Yield: 6 GPM
Casing Size:	8.63	Depth Well:	400 feet
		Depth Water:	390 feet

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

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03830 POD1	CUB	ED		4	2	4	02	25S	31E	618632	3558432	2640	450		
C 02570	CUB	ED		4	2	4	02	25S	31E	618704	3558489*	2642	895		
C 02568	CUB	ED		4	3	1	01	25S	31E	619103	3558892*	2795	1025		
C 02569	CUB	ED		4	4	2	02	25S	31E	618699	3558891*	2981	1016		
C 02573	CUB	ED		1	4	2	02	25S	31E	618499	3559091*	3257			
C 02572	CUB	ED		4	2	2	02	25S	31E	618695	3559294*	3335	852		
C 02571	CUB	ED		4	1	2	02	25S	31E	618292	3559294*	3540	860		
C 02574	CUB	ED		1	1	2	02	25S	31E	618092	3559494*	3817			
C 04593 POD1	CUB	ED		3	4	4	34	24S	31E	616903	3559674	4718	55		
C 02250	CUB	ED		3	1	4	21	25S	31E	614912	3553620*	5978	400	390	10

Average Depth to Water: **390 feet**

Minimum Depth: **390 feet**

Maximum Depth: **390 feet**

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 620237.7

Northing (Y): 3556336.65

Radius: 6000

*UTM location was derived from PLSS - see Help

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

5/26/22 12:41 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

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Groundwater levels for New Mexico

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Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320643103465002

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

USGS 320643103465002 25S.31E.21.413314A

Eddy County, New Mexico
Latitude 32°06'46.0", Longitude 103°46'56.3" NAD83
Land-surface elevation 3,374.00 feet above NGVD29
The depth of the well is 400 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) 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
1959-02-17			D 62610		3055.98	NGVD29	P	Z			A
1959-02-17			D 62611		3057.66	NAVD88	P	Z			A
1959-02-17			D 72019	318.02			P	Z			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
2013-01-17	19:40 UTC	m	62610			NGVD29	D	S	USGS	S	A
2013-01-17	19:40 UTC	m	62611			NAVD88	D	S	USGS	S	A
2013-01-17	19:40 UTC	m	72019				D	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	D	Dry
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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Accessibility FOIA Privacy Policies and Notices
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-03-28 16:13:54 EDT
0.29 0.25 nadww02





National Water Information System: Web Interface

USGS Water Resources

USGS Home
Contact USGS
Search USGS

Data Category:
Groundwater

Geographic Area:
New Mexico

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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 =

- 320932103443801

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

USGS 320932103443801 25S.31E.02.23441

Eddy County, New Mexico
Latitude 32°09'37.4", Longitude 103°44'29.6" NAD83
Land-surface elevation 3,460.00 feet above NGVD29
The depth of the well is 1,016 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) 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
1966-08-18			D 62610		3060.00	NGVD29	1	Z			A
1966-08-18			D 62611		3061.71	NAVD88	1	Z			A
1966-08-18			D 72019	400.00			1	Z			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
1976-01-28			D	62610	3069.73	NGVD29	1	Z			A
1976-01-28			D	62611	3071.44	NAVD88	1	Z			A
1976-01-28			D	72019	390.27		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?>

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0.31 0.26 nadww02





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USGS Water Resources

Data Category:
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Groundwater levels for New Mexico

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Agency code = usgs
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- 320952103444401

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USGS 320952103444401 25S.31E.02.214411

Eddy County, New Mexico
Latitude 32°09'50.0", Longitude 103°44'41.2" NAD83
Land-surface elevation 3,468.0 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Azotea Tongue of Seven Rivers Formation (313AZOT) local aquifer.

Output formats

Table of data
Tab-separated data
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Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water- level approval status
1992-11-05	08:50 UTC	m	62610		3060.56	NGVD29	1	S			A
1992-11-05	08:50 UTC	m	62611		3062.27	NAVD88	1	S			A
1992-11-05	08:50 UTC	m	72019	407.44			1	S			A
1998-01-29		D	62610		3061.55	NGVD29	1	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
1998-01-29			D	62611	3063.26	NAVD88	1	S			A
1998-01-29			D	72019	406.45		1	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
Method of measurement	S	Steel-tape measurement.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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0.29 0.26 nadww02



TABLES

Table 1. Soil Analytical Results - Site Assessment Activities
Devon Energy
Cotton Draw Unit 278
Eddy County, New Mexico

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			DRO	GRO	MRO	Total						
S-1	4/7/2022	2-2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
S-2	4/7/2022	1-1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
S-3	4/7/2022	1-1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
S-4	4/7/2022	2-2.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,580
H-1	4/7/2022	-	161	<10.0	17	178	<0.050	<0.050	<0.050	<0.150	<0.150	240
H-2	4/7/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.150	160
H-3	4/7/2022	-	17	<10.0	13	30	<0.050	<0.050	<0.050	<0.150	<0.300	288
H-4	4/7/2022	-	17	<10.0	14	31	<0.050	<0.050	<0.050	<0.150	<0.300	272
H-5	4/7/2022	-	16	<10.0	12	28	<0.050	<0.050	<0.050	<0.150	<0.300	272
H-6	4/7/2022	-	19	<10.0	15	34	<0.050	<0.050	<0.050	<0.150	<0.300	272
H-7	4/7/2022	-	15	<10.0	<10.0	15	<0.050	<0.050	<0.050	<0.150	<0.150	288
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

Table 2. Soil Analytical Results - Excavation Confirmation Samples
Devon Energy
Cotton Draw Unit 278
Eddy County, New Mexico

Sample ID	Date	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
		DRO	GRO	MRO	Total						
Excavation Base Samples											
CS-1	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	21.8
CS-2	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	81.7
CS-3	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	48.7
CS-4	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	154
CS-5	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	107
CS-6	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	183
CS-7	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	23.1
CS-8	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	100
CS-9	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	91.9
CS-10	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	169
CS-11	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	50.2
CS-12	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	149
CS-13	5/2/2022	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	62.4
CS-14	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	23.6
CS-15	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	73.9
CS-16	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	192
CS-17	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	485
CS-18	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	317
CS-19	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	116
CS-20	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	321
CS-21	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	390
CS-22	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	89
CS-23	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	251
CS-24	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	143
CS-25	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	185
CS-26	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	439
CS-27	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	172
CS-28	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	318

Table 2. Soil Analytical Results - Excavation Confirmation Samples
Devon Energy
Cotton Draw Unit 278
Eddy County, New Mexico

Sample ID	Date	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
		DRO	GRO	MRO	Total						
CS-29	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	115
CS-30	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	76.8
CS-31	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	429
CS-32	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	276
CS-33	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	197
CS-34	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	95.2
CS-35	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	234
CS-36	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	257
CS-37	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	99.6
CS-38	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	370
CS-39	5/2/2022	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	0.00210	<0.00404	<0.00404	383
CS-40	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	0.00214	<0.00403	<0.00403	213
CS-41	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	115
CS-42	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	183
CS-43	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	236
CS-44	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	153
CS-45	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	183
CS-46	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	262
CS-47	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	168
CS-48	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	493
CS-49	5/2/2022	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	430
CS-50	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	41.7
CS-51	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	346
CS-52	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	11.4
CS-53	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	108
Excavation Sidewall Samples											
SW-1	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	5.42
SW-2	5/2/2022	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	19.2
SW-3	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	7.63

Table 2. Soil Analytical Results - Excavation Confirmation Samples
Devon Energy
Cotton Draw Unit 278
Eddy County, New Mexico

Sample ID	Date	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
		DRO	GRO	MRO	Total						
SW-4	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.95
SW-5	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	34.6
SW-6	5/2/2022	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8.5
SW-7	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.6
SW-8	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	266
SW-9	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	123
SW-10	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	63.9
SW-11	5/2/2022	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	48.5
SW-12	5/2/2022	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	19.7
Regulatory Limits ^A		N/A			100 mg/kg	10 mg/kg	N/A			50 mg/kg	600 mg/kg

N/A - not applicable

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- total petroleum hydrocarbons

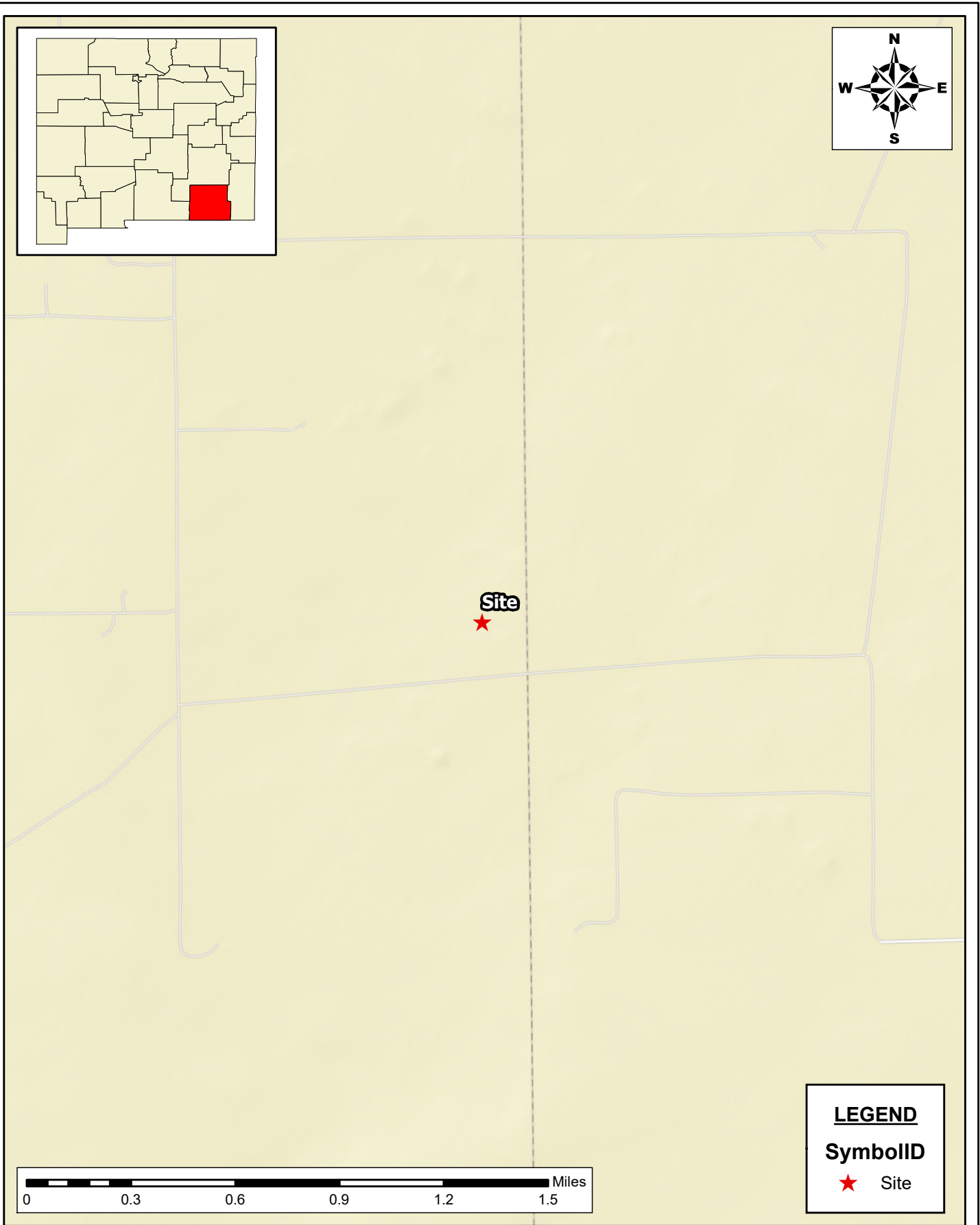
GRO - gasoline range organics

DRO - diesel range organics

ORO - oil range organics

FIGURES

Document Path: P:\2022 PROJECTS\DEVON\SC225428 - Cotton Draw Unit 278\7- Figures\GIS\Figure_1_SL_Map_225428 - Cotton Draw Unit 278.mxd



SITE LOCATION MAP
DEVON ENERGY
 COTTON DRAW UNIT 278
 EDDY COUNTY, NEW MEXICO
 32.137055, -103.725127

SCALE: As Shown

Date: 3/24/2022

PROJECT #: 225428



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

NOTES:

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

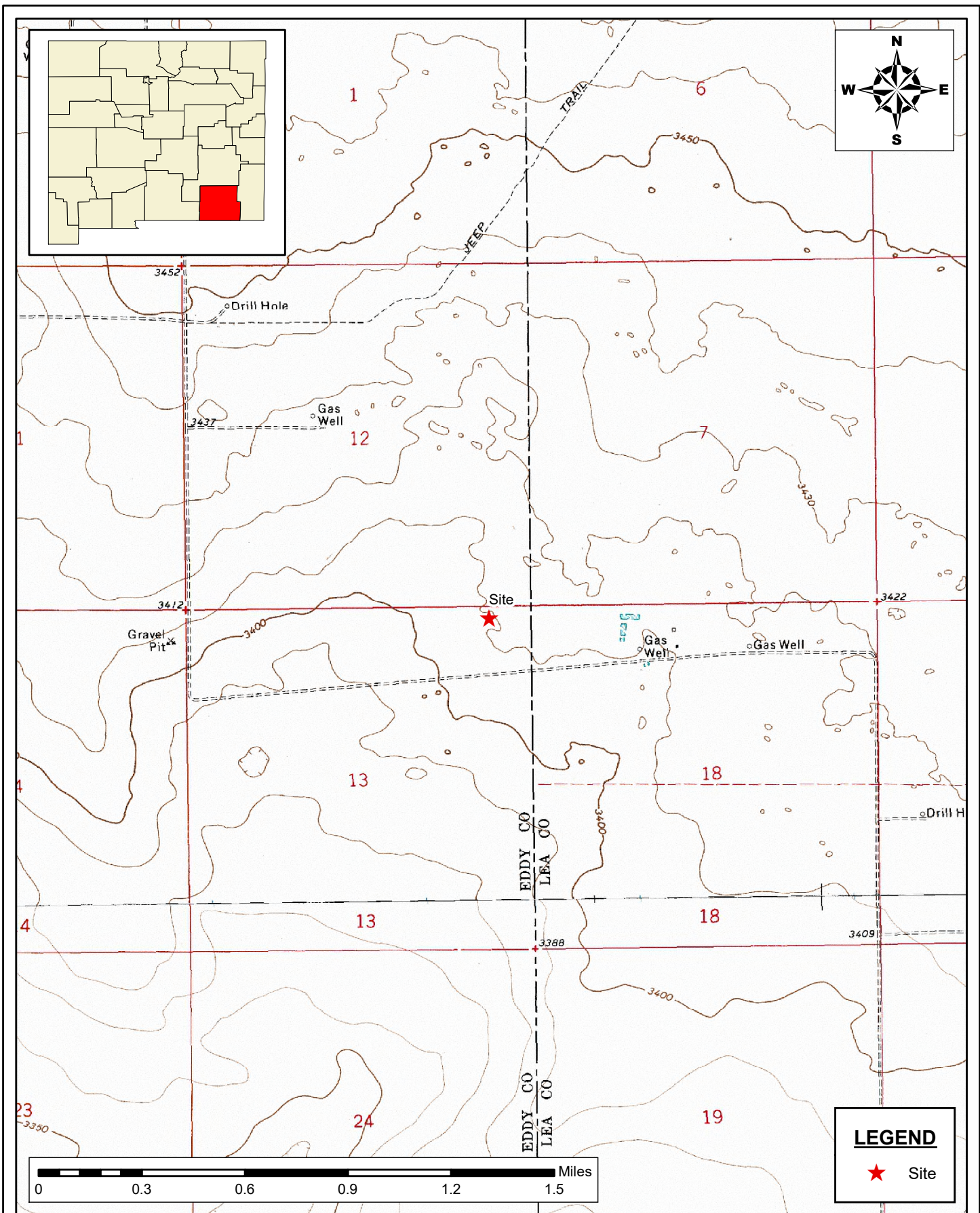
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FIGURE 1

SHEET NUMBER:

1 of 1

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SITE LOCATION MAP
DEVON ENERGY
 COTTON DRAW UNIT 278
 EDDY COUNTY, NEW MEXICO
 32.137055, -103.725127

SCALE: As Shown

Date: 3/24/2022

PROJECT #: 225428



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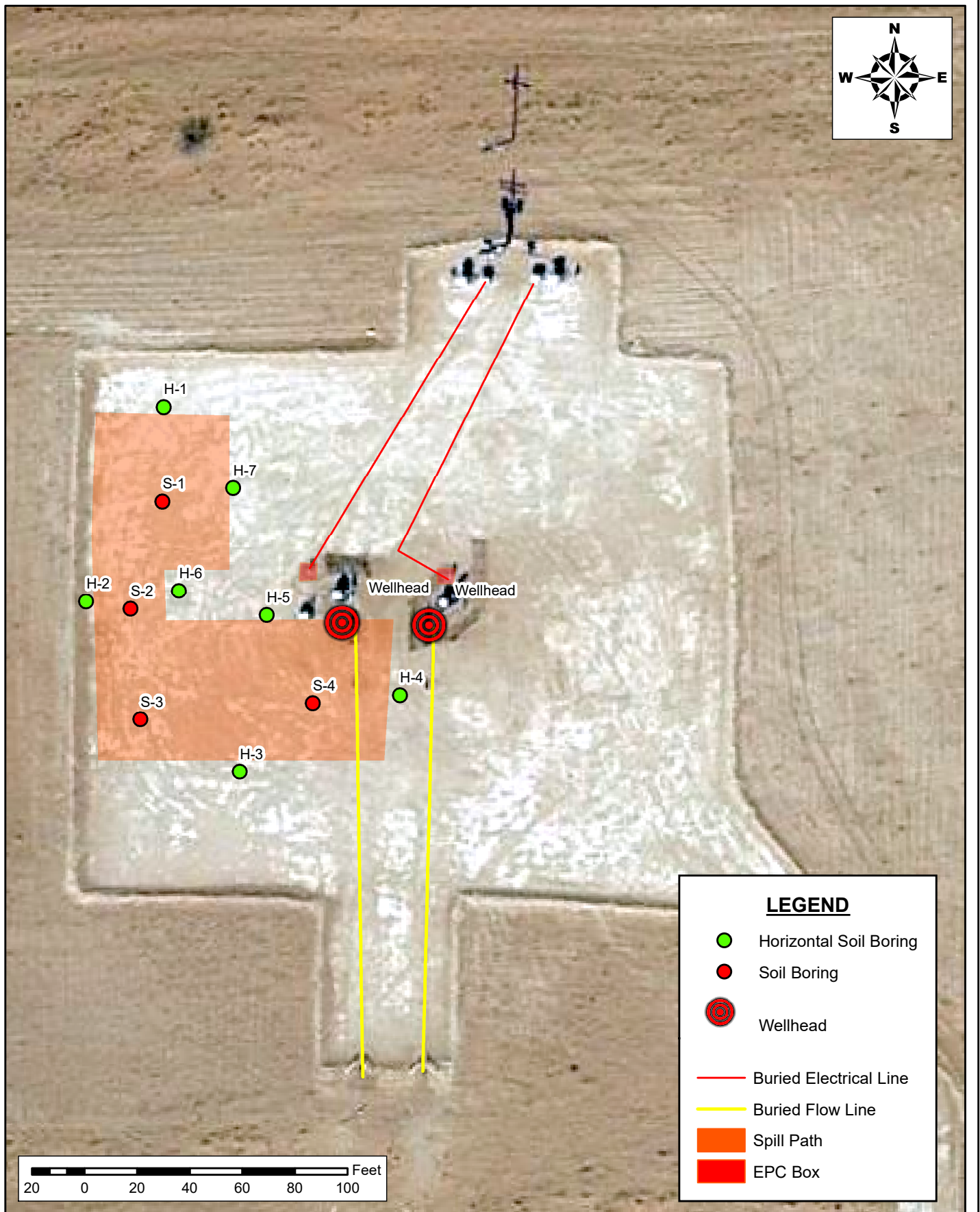
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FIGURE 2

SHEET NUMBER:

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SITE LOCATION MAP
DEVON ENERGY
 COTTON DRAW UNIT 278
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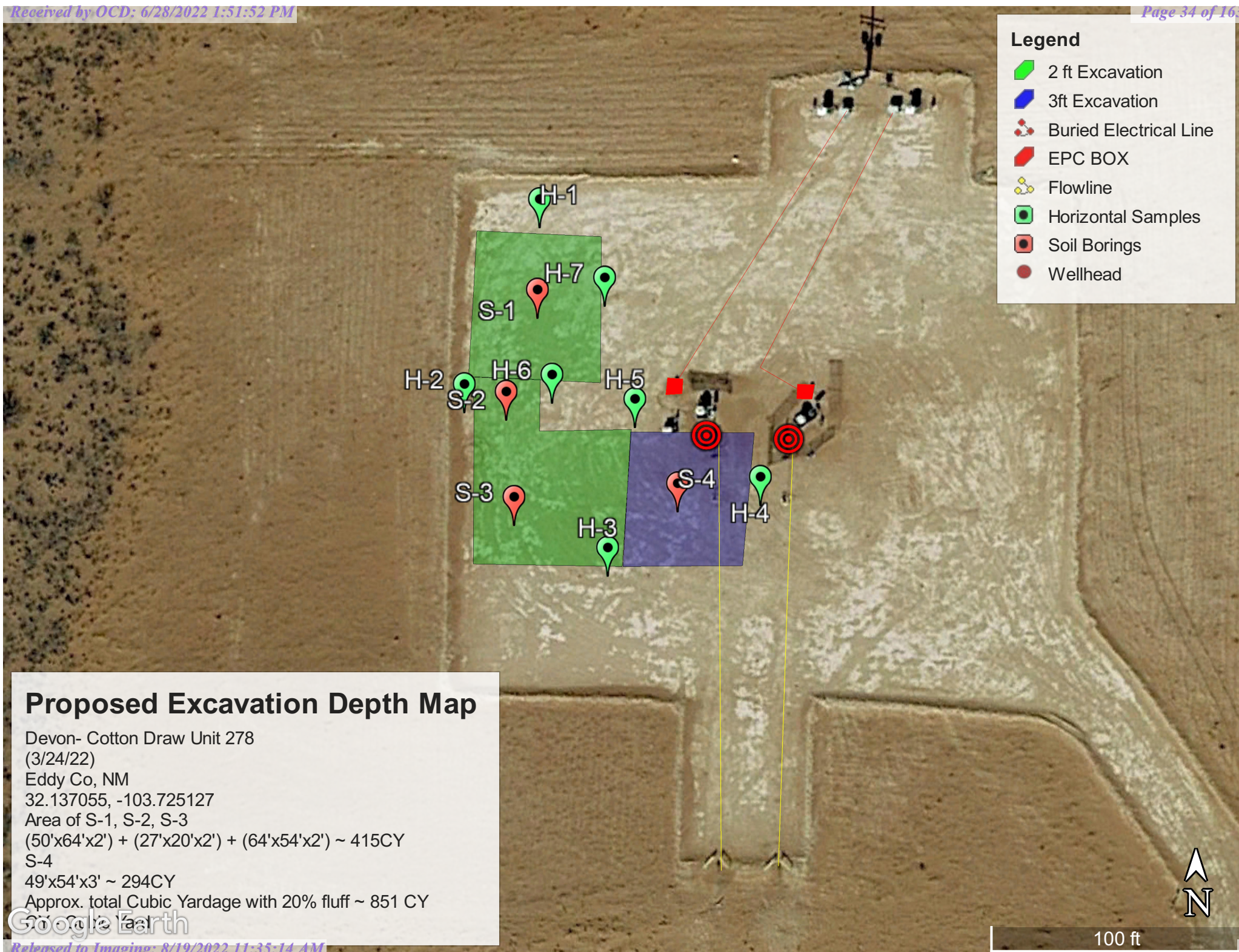
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2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

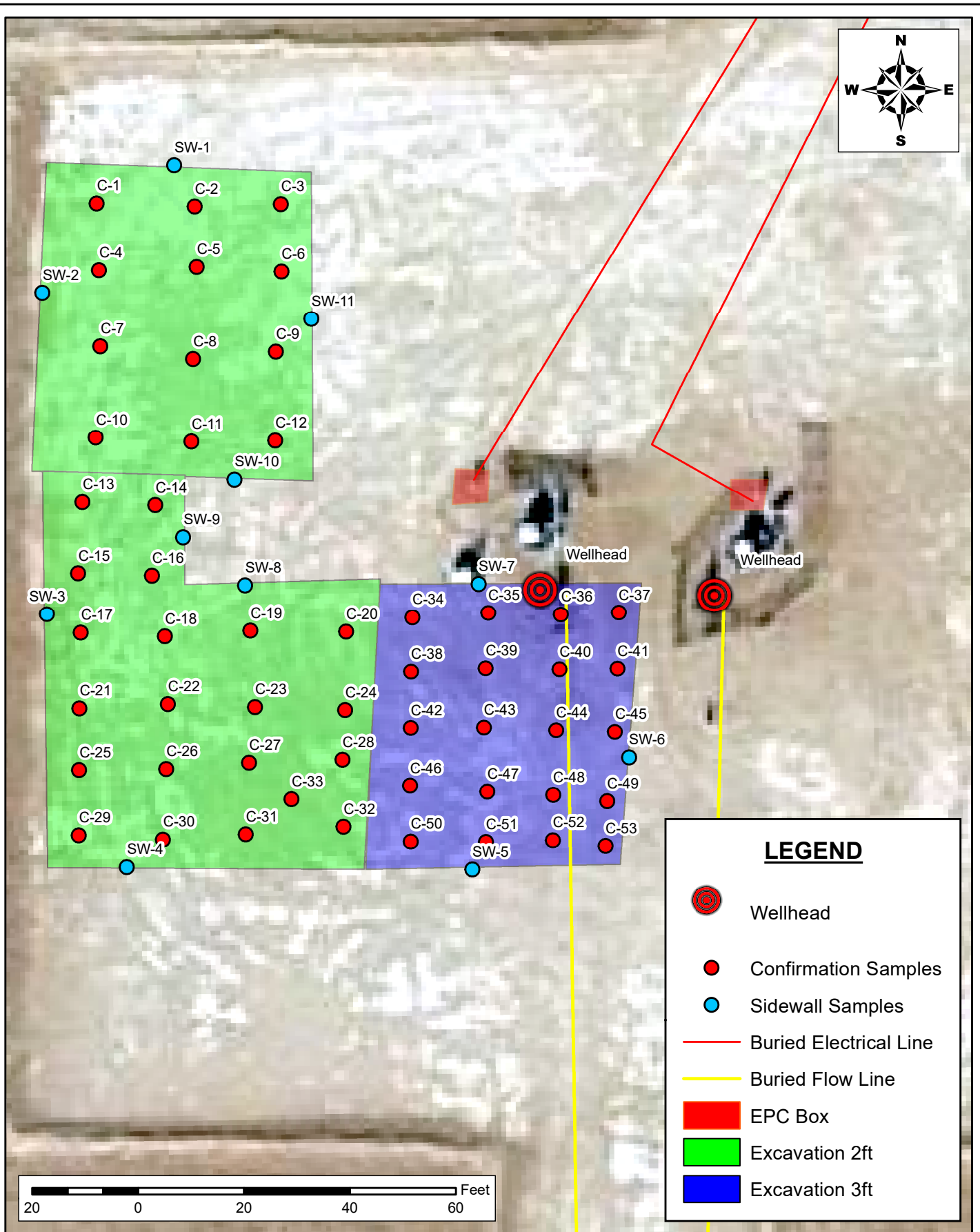
FIGURE 3

SHEET NUMBER:

1 of 1



Document Path: P:\2022 PROJECTS\DEVON\SC225428 - Cotton Draw Unit 278\7- Figures\GIS\Figure_4_Map_225428 - Cotton Draw Unit 278.mxd



SITE LOCATION MAP
DEVON ENERGY
 COTTON DRAW UNIT 278
 EDDY COUNTY, NEW MEXICO
 32.137055, -103.725127

SCALE: As Shown

Date: 5/26/2022

PROJECT #: 225428



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

NOTES:

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

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility: Cotton Draw Unit 278

County: Eddy County, New Mexico

Description:
View of excavation.

**Photograph No. 2**

Facility: Cotton Draw Unit 278

County: Eddy County, New Mexico

Description:
View of excavation.

**Photograph No. 3**

Facility: Cotton Draw Unit 278

County: Eddy County, New Mexico

Description:
View of excavation.



PHOTOGRAPHIC LOG

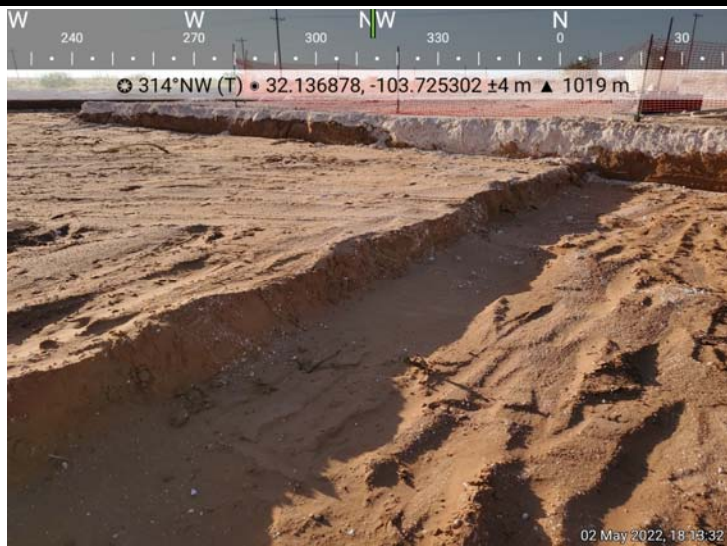
Devon Energy Production Company

Photograph No. 4

Facility: Cotton Draw Unit 278 (04.01.22)

County: Eddy County, New Mexico

Description:
View of excavation.

**Photograph No. 5**

Facility: Cotton Draw Unit 278

County: Eddy County, New Mexico

Description:
View of excavation.

**Photograph No. 6**

Facility: Cotton Draw Unit 278

County: Eddy County, New Mexico

Description:
View of excavation.



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 7

Facility: Cotton Draw Unit 278

County: Eddy County, New Mexico

Description:

View Southwest, View of Staining

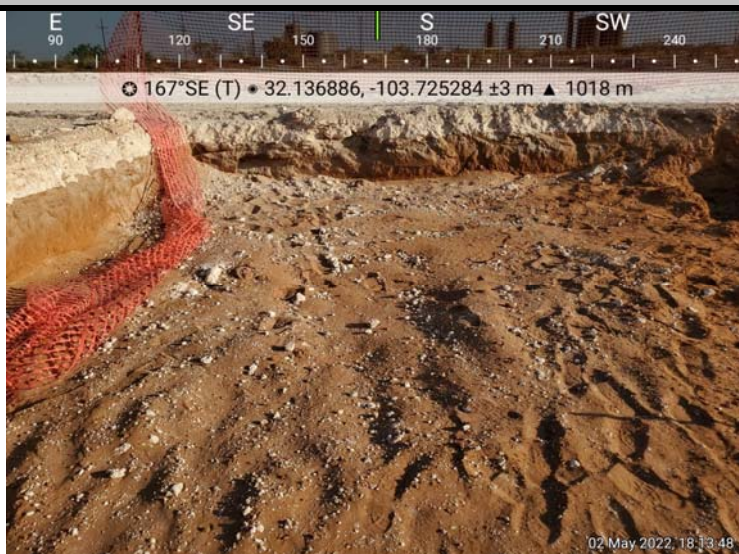
**Photograph No. 8**

Facility: Cotton Draw Unit 278

County: Eddy County, New Mexico

Description:

View of excavation.

**Photograph No. 9**

Facility: Cotton Draw Unit 278

County: Eddy County, New Mexico

Description:

View of excavation.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 890-2271-1

Laboratory Sample Delivery Group: Eddy Co. NM
Client Project/Site: Cotton Draw Unit 278

For:

NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Gordon Banks

A handwritten signature in black ink, appearing to read "Jessica Kramer".

Authorized for release by:
5/16/2022 11:54:01 AM

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

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

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

Client: NT Global
Project/Site: Cotton Draw Unit 278

Laboratory Job ID: 890-2271-1
SDG: Eddy Co. NM

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Definitions/Glossary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Job ID: 890-2271-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-2271-1

Receipt

The samples were received on 5/3/2022 2:04 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 5.8°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-24982 and analytical batch 880-25025 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside of acceptance limits: CS-41 (890-2271-41), CS-42 (890-2271-42), CS-43 (890-2271-43), CS-44 (890-2271-44), CS-45 (890-2271-45), CS-46 (890-2271-46), CS-47 (890-2271-47), CS-48 (890-2271-48), CS-49 (890-2271-49), CS-50 (890-2271-50), (CCV 880-25306/20), (CCV 880-25306/33), (LCS 880-24969/1-A), (LCSD 880-24969/2-A), (MB 880-24969/5-A), (890-2271-A-41-G MS) and (890-2271-A-41-H MSD). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-50 (890-2271-50), CS-52 (890-2271-52), CS-53 (890-2271-53), SW-2 (890-2271-55), SW-7 (890-2271-60) and SW-12 (890-2271-65). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-24900 and analytical batch 880-24951 was outside control limits. Sample matrix interference is suspected.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-24899 and analytical batch 880-24941 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-24903 and analytical batch 880-25042 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-24902 and 880-24902 and analytical batch 880-24944 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-1

Lab Sample ID: 890-2271-1

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/11/22 22:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/11/22 22:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/11/22 22:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/11/22 22:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/11/22 22:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/11/22 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/06/22 11:34	05/11/22 22:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/06/22 11:34	05/11/22 22:49	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	50.0		mg/Kg		05/05/22 13:14	05/06/22 11:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 11:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	05/05/22 13:14	05/06/22 11:47	1
o-Terphenyl	117		70 - 130	05/05/22 13:14	05/06/22 11:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.8		5.00		mg/Kg			05/06/22 17:31	1

Client Sample ID: CS-2

Lab Sample ID: 890-2271-2

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/11/22 23:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/11/22 23:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/11/22 23:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/11/22 23:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/11/22 23:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/11/22 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	05/06/22 11:34	05/11/22 23:09	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/06/22 11:34	05/11/22 23:09	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-2

Lab Sample ID: 890-2271-2

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 12:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 12:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				05/05/22 13:14	05/06/22 12:52	1
o-Terphenyl	117		70 - 130				05/05/22 13:14	05/06/22 12:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.7		4.99		mg/Kg			05/06/22 17:50	1

Client Sample ID: CS-3

Lab Sample ID: 890-2271-3

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/11/22 23:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:34	05/11/22 23:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:34	05/11/22 23:30	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/06/22 11:34	05/11/22 23:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:34	05/11/22 23:30	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/06/22 11:34	05/11/22 23:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	314	S1+	70 - 130				05/06/22 11:34	05/11/22 23:30	1
1,4-Difluorobenzene (Surr)	256	S1+	70 - 130				05/06/22 11:34	05/11/22 23:30	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 13:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 13:13	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-3

Lab Sample ID: 890-2271-3

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				05/05/22 13:14	05/06/22 13:13	1
o-Terphenyl	111		70 - 130				05/05/22 13:14	05/06/22 13:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.7		4.98		mg/Kg			05/06/22 17:56	1

Client Sample ID: CS-4

Lab Sample ID: 890-2271-4

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/11/22 23:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/11/22 23:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/11/22 23:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/06/22 11:34	05/11/22 23:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/11/22 23:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/06/22 11:34	05/11/22 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				05/06/22 11:34	05/11/22 23:50	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/06/22 11:34	05/11/22 23:50	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 13:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 13:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				05/05/22 13:14	05/06/22 13:35	1
o-Terphenyl	107		70 - 130				05/05/22 13:14	05/06/22 13:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	154		4.95		mg/Kg			05/06/22 18:31	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-5

Lab Sample ID: 890-2271-5

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 00:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 00:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 00:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/12/22 00:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 00:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/12/22 00:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	05/06/22 11:34	05/12/22 00:11	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/06/22 11:34	05/12/22 00:11	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 13:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 13:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	05/05/22 13:14	05/06/22 13:56	1
o-Terphenyl	109		70 - 130	05/05/22 13:14	05/06/22 13:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		5.02		mg/Kg			05/06/22 18:37	1

Client Sample ID: CS-6

Lab Sample ID: 890-2271-6

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 00:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 00:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 00:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:34	05/12/22 00:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 00:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:34	05/12/22 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	05/06/22 11:34	05/12/22 00:31	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/06/22 11:34	05/12/22 00:31	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-6

Lab Sample ID: 890-2271-6

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 14:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 14:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				05/05/22 13:14	05/06/22 14:18	1
o-Terphenyl	112		70 - 130				05/05/22 13:14	05/06/22 14:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	183		4.98		mg/Kg			05/06/22 18:56	1

Client Sample ID: CS-7

Lab Sample ID: 890-2271-7

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 00:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:34	05/12/22 00:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:34	05/12/22 00:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/06/22 11:34	05/12/22 00:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:34	05/12/22 00:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/22 11:34	05/12/22 00:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				05/06/22 11:34	05/12/22 00:52	1
1,4-Difluorobenzene (Surr)	88		70 - 130				05/06/22 11:34	05/12/22 00:52	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 14:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 14:40	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-7

Lab Sample ID: 890-2271-7

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				05/05/22 13:14	05/06/22 14:40	1
o-Terphenyl	126		70 - 130				05/05/22 13:14	05/06/22 14:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.1		4.95		mg/Kg			05/06/22 19:02	1

Client Sample ID: CS-8

Lab Sample ID: 890-2271-8

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 01:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 01:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 01:12	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/06/22 11:34	05/12/22 01:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 01:12	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/22 11:34	05/12/22 01:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				05/06/22 11:34	05/12/22 01:12	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/06/22 11:34	05/12/22 01:12	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 15:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 15:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				05/05/22 13:14	05/06/22 15:02	1
o-Terphenyl	112		70 - 130				05/05/22 13:14	05/06/22 15:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		5.01		mg/Kg			05/06/22 19:09	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-9

Lab Sample ID: 890-2271-9

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 01:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 01:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 01:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/12/22 01:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 01:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/12/22 01:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/06/22 11:34	05/12/22 01:32	1
1,4-Difluorobenzene (Surr)	88		70 - 130	05/06/22 11:34	05/12/22 01:32	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 15:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 15:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	05/05/22 13:14	05/06/22 15:23	1
o-Terphenyl	111		70 - 130	05/05/22 13:14	05/06/22 15:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	91.9		4.97		mg/Kg			05/06/22 19:15	1

Client Sample ID: CS-10

Lab Sample ID: 890-2271-10

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 01:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/12/22 01:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/12/22 01:53	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/06/22 11:34	05/12/22 01:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/12/22 01:53	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/06/22 11:34	05/12/22 01:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	05/06/22 11:34	05/12/22 01:53	1
1,4-Difluorobenzene (Surr)	89		70 - 130	05/06/22 11:34	05/12/22 01:53	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-10

Lab Sample ID: 890-2271-10

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 15:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 15:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				05/05/22 13:14	05/06/22 15:45	1
o-Terphenyl	96		70 - 130				05/05/22 13:14	05/06/22 15:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		4.96		mg/Kg			05/06/22 19:21	1

Client Sample ID: CS-11

Lab Sample ID: 890-2271-11

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 03:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/12/22 03:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/12/22 03:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/06/22 11:34	05/12/22 03:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/12/22 03:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/06/22 11:34	05/12/22 03:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				05/06/22 11:34	05/12/22 03:15	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/06/22 11:34	05/12/22 03:15	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 16:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 16:50	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-11

Lab Sample ID: 890-2271-11

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				05/05/22 13:14	05/06/22 16:50	1
o-Terphenyl	129		70 - 130				05/05/22 13:14	05/06/22 16:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.2	F1	4.99		mg/Kg			05/08/22 13:30	1

Client Sample ID: CS-12

Lab Sample ID: 890-2271-12

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 03:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/12/22 03:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/12/22 03:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/06/22 11:34	05/12/22 03:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:34	05/12/22 03:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/06/22 11:34	05/12/22 03:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				05/06/22 11:34	05/12/22 03:35	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/06/22 11:34	05/12/22 03:35	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 17:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 17:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				05/05/22 13:14	05/06/22 17:11	1
o-Terphenyl	106		70 - 130				05/05/22 13:14	05/06/22 17:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	149		4.95		mg/Kg			05/08/22 13:49	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-13

Lab Sample ID: 890-2271-13

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 03:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 03:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 03:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:34	05/12/22 03:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 03:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:34	05/12/22 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/06/22 11:34	05/12/22 03:56	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/06/22 11:34	05/12/22 03:56	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			05/09/22 15:20	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			05/09/22 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/05/22 13:14	05/06/22 17:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/05/22 13:14	05/06/22 17:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/05/22 13:14	05/06/22 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	05/05/22 13:14	05/06/22 17:33	1
o-Terphenyl	110		70 - 130	05/05/22 13:14	05/06/22 17:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.4		5.04		mg/Kg			05/08/22 13:56	1

Client Sample ID: CS-14

Lab Sample ID: 890-2271-14

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 04:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 04:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 04:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/12/22 04:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 04:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/12/22 04:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/06/22 11:34	05/12/22 04:16	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/06/22 11:34	05/12/22 04:16	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-14

Lab Sample ID: 890-2271-14

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 17:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 17:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				05/05/22 13:14	05/06/22 17:55	1
o-Terphenyl	121		70 - 130				05/05/22 13:14	05/06/22 17:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.6		4.97		mg/Kg			05/08/22 14:02	1

Client Sample ID: CS-15

Lab Sample ID: 890-2271-15

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 04:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 04:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 04:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/06/22 11:34	05/12/22 04:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 04:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/22 11:34	05/12/22 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				05/06/22 11:34	05/12/22 04:36	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/06/22 11:34	05/12/22 04:36	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 18:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 18:16	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-15

Lab Sample ID: 890-2271-15

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				05/05/22 13:14	05/06/22 18:16	1
o-Terphenyl	107		70 - 130				05/05/22 13:14	05/06/22 18:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.9		5.00		mg/Kg			05/08/22 14:08	1

Client Sample ID: CS-16

Lab Sample ID: 890-2271-16

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 04:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:34	05/12/22 04:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:34	05/12/22 04:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/06/22 11:34	05/12/22 04:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:34	05/12/22 04:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/22 11:34	05/12/22 04:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				05/06/22 11:34	05/12/22 04:57	1
1,4-Difluorobenzene (Surr)	89		70 - 130				05/06/22 11:34	05/12/22 04:57	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 18:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 18:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:14	05/06/22 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				05/05/22 13:14	05/06/22 18:38	1
o-Terphenyl	103		70 - 130				05/05/22 13:14	05/06/22 18:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		4.99		mg/Kg			05/08/22 14:27	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-17

Lab Sample ID: 890-2271-17

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 05:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 05:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 05:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/12/22 05:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:34	05/12/22 05:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:34	05/12/22 05:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	05/06/22 11:34	05/12/22 05:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/06/22 11:34	05/12/22 05:17	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 19:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 19:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	05/05/22 13:14	05/06/22 19:00	1
o-Terphenyl	116		70 - 130	05/05/22 13:14	05/06/22 19:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	485		4.99		mg/Kg			05/08/22 14:33	1

Client Sample ID: CS-18

Lab Sample ID: 890-2271-18

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 05:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 05:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 05:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/06/22 11:34	05/12/22 05:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 05:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/06/22 11:34	05/12/22 05:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	05/06/22 11:34	05/12/22 05:38	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/06/22 11:34	05/12/22 05:38	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-18

Lab Sample ID: 890-2271-18

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 19:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 19:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				05/05/22 13:14	05/06/22 19:21	1
o-Terphenyl	96		70 - 130				05/05/22 13:14	05/06/22 19:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	317		4.96		mg/Kg			05/08/22 14:40	1

Client Sample ID: CS-19

Lab Sample ID: 890-2271-19

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 05:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:34	05/12/22 05:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:34	05/12/22 05:58	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/06/22 11:34	05/12/22 05:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:34	05/12/22 05:58	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/06/22 11:34	05/12/22 05:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				05/06/22 11:34	05/12/22 05:58	1
1,4-Difluorobenzene (Surr)	91		70 - 130				05/06/22 11:34	05/12/22 05:58	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 19:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 19:43	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-19

Lab Sample ID: 890-2271-19

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				05/05/22 13:14	05/06/22 19:43	1
o-Terphenyl	91		70 - 130				05/05/22 13:14	05/06/22 19:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	116		5.03		mg/Kg			05/08/22 14:46	1

Client Sample ID: CS-20

Lab Sample ID: 890-2271-20

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:34	05/12/22 06:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 06:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 06:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/06/22 11:34	05/12/22 06:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/12/22 06:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/22 11:34	05/12/22 06:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				05/06/22 11:34	05/12/22 06:19	1
1,4-Difluorobenzene (Surr)	87		70 - 130				05/06/22 11:34	05/12/22 06:19	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 20:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 20:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 20:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				05/05/22 13:14	05/06/22 20:05	1
o-Terphenyl	84		70 - 130				05/05/22 13:14	05/06/22 20:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	321		5.01		mg/Kg			05/08/22 14:52	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-21

Lab Sample ID: 890-2271-21

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- F1	0.00199		mg/Kg		05/06/22 11:38	05/12/22 03:41	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		05/06/22 11:38	05/12/22 03:41	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		05/06/22 11:38	05/12/22 03:41	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398		mg/Kg		05/06/22 11:38	05/12/22 03:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:38	05/12/22 03:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/22 11:38	05/12/22 03:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/06/22 11:38	05/12/22 03:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/06/22 11:38	05/12/22 03:41	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 11:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 11:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	05/05/22 13:17	05/06/22 11:47	1
o-Terphenyl	97		70 - 130	05/05/22 13:17	05/06/22 11:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390	F1	4.96		mg/Kg			05/08/22 14:59	1

Client Sample ID: CS-22

Lab Sample ID: 890-2271-22

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 04:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 04:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 04:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:38	05/12/22 04:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 04:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:38	05/12/22 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	05/06/22 11:38	05/12/22 04:01	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/06/22 11:38	05/12/22 04:01	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-22

Lab Sample ID: 890-2271-22

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 12:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 12:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 12:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				05/05/22 13:17	05/06/22 12:52	1
o-Terphenyl	101		70 - 130				05/05/22 13:17	05/06/22 12:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.0		5.00		mg/Kg			05/08/22 15:18	1

Client Sample ID: CS-23

Lab Sample ID: 890-2271-23

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 04:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:38	05/12/22 04:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:38	05/12/22 04:21	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/06/22 11:38	05/12/22 04:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:38	05/12/22 04:21	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/06/22 11:38	05/12/22 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/06/22 11:38	05/12/22 04:21	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/06/22 11:38	05/12/22 04:21	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 13:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 13:13	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-23

Lab Sample ID: 890-2271-23

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				05/05/22 13:17	05/06/22 13:13	1
o-Terphenyl	94		70 - 130				05/05/22 13:17	05/06/22 13:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	251		5.00		mg/Kg			05/08/22 15:24	1

Client Sample ID: CS-24

Lab Sample ID: 890-2271-24

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 04:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 04:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 04:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/06/22 11:38	05/12/22 04:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 04:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/22 11:38	05/12/22 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				05/06/22 11:38	05/12/22 04:42	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/06/22 11:38	05/12/22 04:42	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 13:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 13:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				05/05/22 13:17	05/06/22 13:35	1
o-Terphenyl	102		70 - 130				05/05/22 13:17	05/06/22 13:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		5.00		mg/Kg			05/08/22 15:43	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-25

Lab Sample ID: 890-2271-25

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 05:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 05:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 05:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:38	05/12/22 05:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 05:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:38	05/12/22 05:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/06/22 11:38	05/12/22 05:02	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/06/22 11:38	05/12/22 05:02	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 13:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 13:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	05/05/22 13:17	05/06/22 13:56	1
o-Terphenyl	92		70 - 130	05/05/22 13:17	05/06/22 13:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		5.00		mg/Kg			05/08/22 15:49	1

Client Sample ID: CS-26

Lab Sample ID: 890-2271-26

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 05:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 05:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 05:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:38	05/12/22 05:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 05:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:38	05/12/22 05:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	05/06/22 11:38	05/12/22 05:23	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/06/22 11:38	05/12/22 05:23	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-26

Lab Sample ID: 890-2271-26

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 14:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 14:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				05/05/22 13:17	05/06/22 14:18	1
o-Terphenyl	89		70 - 130				05/05/22 13:17	05/06/22 14:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	439		5.03		mg/Kg			05/08/22 15:56	1

Client Sample ID: CS-27

Lab Sample ID: 890-2271-27

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 05:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:38	05/12/22 05:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:38	05/12/22 05:43	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/06/22 11:38	05/12/22 05:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:38	05/12/22 05:43	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/06/22 11:38	05/12/22 05:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/06/22 11:38	05/12/22 05:43	1
1,4-Difluorobenzene (Surr)	89		70 - 130				05/06/22 11:38	05/12/22 05:43	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 14:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 14:40	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-27

Lab Sample ID: 890-2271-27

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				05/05/22 13:17	05/06/22 14:40	1
o-Terphenyl	81		70 - 130				05/05/22 13:17	05/06/22 14:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	172		5.05		mg/Kg			05/08/22 16:02	1

Client Sample ID: CS-28

Lab Sample ID: 890-2271-28

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 06:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:38	05/12/22 06:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:38	05/12/22 06:04	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/06/22 11:38	05/12/22 06:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:38	05/12/22 06:04	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/06/22 11:38	05/12/22 06:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/06/22 11:38	05/12/22 06:04	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/06/22 11:38	05/12/22 06:04	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 15:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 15:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				05/05/22 13:17	05/06/22 15:02	1
o-Terphenyl	87		70 - 130				05/05/22 13:17	05/06/22 15:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	318		5.04		mg/Kg			05/08/22 16:08	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-29

Lab Sample ID: 890-2271-29

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 06:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 06:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 06:24	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/06/22 11:38	05/12/22 06:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 06:24	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/22 11:38	05/12/22 06:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/06/22 11:38	05/12/22 06:24	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/06/22 11:38	05/12/22 06:24	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 15:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 15:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 15:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130	05/05/22 13:17	05/06/22 15:23	1
o-Terphenyl	74		70 - 130	05/05/22 13:17	05/06/22 15:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		5.04		mg/Kg			05/08/22 16:15	1

Client Sample ID: CS-30

Lab Sample ID: 890-2271-30

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 06:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:38	05/12/22 06:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:38	05/12/22 06:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/06/22 11:38	05/12/22 06:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:38	05/12/22 06:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/22 11:38	05/12/22 06:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/06/22 11:38	05/12/22 06:44	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/06/22 11:38	05/12/22 06:44	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-30

Lab Sample ID: 890-2271-30

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 15:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 15:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				05/05/22 13:17	05/06/22 15:45	1
o-Terphenyl	84		70 - 130				05/05/22 13:17	05/06/22 15:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.8		4.98		mg/Kg			05/08/22 16:21	1

Client Sample ID: CS-31

Lab Sample ID: 890-2271-31

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 08:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:38	05/12/22 08:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:38	05/12/22 08:35	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/06/22 11:38	05/12/22 08:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:38	05/12/22 08:35	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/06/22 11:38	05/12/22 08:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/06/22 11:38	05/12/22 08:35	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/06/22 11:38	05/12/22 08:35	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 16:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 16:50	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-31

Lab Sample ID: 890-2271-31

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 16:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				05/05/22 13:17	05/06/22 16:50	1
o-Terphenyl	80		70 - 130				05/05/22 13:17	05/06/22 16:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	429	F1	5.00		mg/Kg			05/10/22 09:24	1

Client Sample ID: CS-32

Lab Sample ID: 890-2271-32

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 08:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 08:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 08:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/06/22 11:38	05/12/22 08:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 08:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/22 11:38	05/12/22 08:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				05/06/22 11:38	05/12/22 08:55	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/06/22 11:38	05/12/22 08:55	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 17:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 17:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 17:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				05/05/22 13:17	05/06/22 17:11	1
o-Terphenyl	98		70 - 130				05/05/22 13:17	05/06/22 17:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	276		4.95		mg/Kg			05/10/22 09:52	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-33

Lab Sample ID: 890-2271-33

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 09:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 09:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 09:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:38	05/12/22 09:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 09:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:38	05/12/22 09:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/06/22 11:38	05/12/22 09:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/06/22 11:38	05/12/22 09:15	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 17:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 17:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	05/05/22 13:17	05/06/22 17:33	1
o-Terphenyl	97		70 - 130	05/05/22 13:17	05/06/22 17:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197		4.98		mg/Kg			05/10/22 10:01	1

Client Sample ID: CS-34

Lab Sample ID: 890-2271-34

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 09:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 09:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 09:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:38	05/12/22 09:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 09:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:38	05/12/22 09:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	05/06/22 11:38	05/12/22 09:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/06/22 11:38	05/12/22 09:36	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-34

Lab Sample ID: 890-2271-34

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 17:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 17:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				05/05/22 13:17	05/06/22 17:55	1
o-Terphenyl	93		70 - 130				05/05/22 13:17	05/06/22 17:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.2		4.97		mg/Kg			05/10/22 10:10	1

Client Sample ID: CS-35

Lab Sample ID: 890-2271-35

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 09:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:38	05/12/22 09:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:38	05/12/22 09:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/06/22 11:38	05/12/22 09:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:38	05/12/22 09:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/22 11:38	05/12/22 09:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				05/06/22 11:38	05/12/22 09:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/06/22 11:38	05/12/22 09:56	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 18:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 18:16	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-35

Lab Sample ID: 890-2271-35

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				05/05/22 13:17	05/06/22 18:16	1
o-Terphenyl	102		70 - 130				05/05/22 13:17	05/06/22 18:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	234		4.99		mg/Kg			05/10/22 10:20	1

Client Sample ID: CS-36

Lab Sample ID: 890-2271-36

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 10:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:38	05/12/22 10:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:38	05/12/22 10:17	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/06/22 11:38	05/12/22 10:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/22 11:38	05/12/22 10:17	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/06/22 11:38	05/12/22 10:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				05/06/22 11:38	05/12/22 10:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/06/22 11:38	05/12/22 10:17	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 18:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 18:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				05/05/22 13:17	05/06/22 18:38	1
o-Terphenyl	77		70 - 130				05/05/22 13:17	05/06/22 18:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	257		4.96		mg/Kg			05/10/22 10:47	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-37

Lab Sample ID: 890-2271-37

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 10:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 10:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 10:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/06/22 11:38	05/12/22 10:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 10:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/22 11:38	05/12/22 10:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/06/22 11:38	05/12/22 10:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/06/22 11:38	05/12/22 10:37	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 19:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 19:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	05/05/22 13:17	05/06/22 19:00	1
o-Terphenyl	87		70 - 130	05/05/22 13:17	05/06/22 19:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.6		5.00		mg/Kg			05/10/22 10:56	1

Client Sample ID: CS-38

Lab Sample ID: 890-2271-38

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 10:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 10:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 10:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:38	05/12/22 10:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:38	05/12/22 10:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:38	05/12/22 10:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/06/22 11:38	05/12/22 10:58	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/06/22 11:38	05/12/22 10:58	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-38

Lab Sample ID: 890-2271-38

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 19:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 19:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				05/05/22 13:17	05/06/22 19:21	1
o-Terphenyl	82		70 - 130				05/05/22 13:17	05/06/22 19:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	370		4.97		mg/Kg			05/10/22 11:06	1

Client Sample ID: CS-39

Lab Sample ID: 890-2271-39

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 11:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:38	05/12/22 11:18	1
Ethylbenzene	0.00210		0.00202		mg/Kg		05/06/22 11:38	05/12/22 11:18	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/06/22 11:38	05/12/22 11:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:38	05/12/22 11:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/06/22 11:38	05/12/22 11:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/06/22 11:38	05/12/22 11:18	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/06/22 11:38	05/12/22 11:18	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			05/09/22 15:20	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			05/09/22 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/05/22 13:17	05/06/22 19:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/05/22 13:17	05/06/22 19:43	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-39

Lab Sample ID: 890-2271-39

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/05/22 13:17	05/06/22 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				05/05/22 13:17	05/06/22 19:43	1
o-Terphenyl	89		70 - 130				05/05/22 13:17	05/06/22 19:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	383		4.99		mg/Kg			05/10/22 11:15	1

Client Sample ID: CS-40

Lab Sample ID: 890-2271-40

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:38	05/12/22 11:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:38	05/12/22 11:39	1
Ethylbenzene	0.00214		0.00202		mg/Kg		05/06/22 11:38	05/12/22 11:39	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/06/22 11:38	05/12/22 11:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:38	05/12/22 11:39	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/06/22 11:38	05/12/22 11:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/06/22 11:38	05/12/22 11:39	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/06/22 11:38	05/12/22 11:39	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 20:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 20:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 13:17	05/06/22 20:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				05/05/22 13:17	05/06/22 20:05	1
o-Terphenyl	93		70 - 130				05/05/22 13:17	05/06/22 20:05	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	213		4.98		mg/Kg			05/10/22 11:24	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-41

Lab Sample ID: 890-2271-41

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1 F2	0.00201		mg/Kg		05/06/22 11:49	05/12/22 05:05	1
Toluene	<0.00201	U F1 F2	0.00201		mg/Kg		05/06/22 11:49	05/12/22 05:05	1
Ethylbenzene	<0.00201	U F1 F2	0.00201		mg/Kg		05/06/22 11:49	05/12/22 05:05	1
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.00402		mg/Kg		05/06/22 11:49	05/12/22 05:05	1
o-Xylene	<0.00201	U F1 F2	0.00201		mg/Kg		05/06/22 11:49	05/12/22 05:05	1
Xylenes, Total	<0.00402	U F1 F2	0.00402		mg/Kg		05/06/22 11:49	05/12/22 05:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130	05/06/22 11:49	05/12/22 05:05	1
1,4-Difluorobenzene (Surr)	71		70 - 130	05/06/22 11:49	05/12/22 05:05	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 11:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 11:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 11:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	05/05/22 14:13	05/06/22 11:44	1
o-Terphenyl	84		70 - 130	05/05/22 14:13	05/06/22 11:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115	F1	4.95		mg/Kg			05/10/22 11:33	1

Client Sample ID: CS-42

Lab Sample ID: 890-2271-42

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:49	05/12/22 05:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 05:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 05:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/06/22 11:49	05/12/22 05:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 05:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/22 11:49	05/12/22 05:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	S1+	70 - 130	05/06/22 11:49	05/12/22 05:31	1
1,4-Difluorobenzene (Surr)	81		70 - 130	05/06/22 11:49	05/12/22 05:31	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-42

Lab Sample ID: 890-2271-42

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 12:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 12:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 12:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				05/05/22 14:13	05/06/22 12:48	1
o-Terphenyl	117		70 - 130				05/05/22 14:13	05/06/22 12:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	183		4.97		mg/Kg			05/10/22 12:01	1

Client Sample ID: CS-43

Lab Sample ID: 890-2271-43

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:49	05/12/22 05:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:49	05/12/22 05:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:49	05/12/22 05:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:49	05/12/22 05:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:49	05/12/22 05:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:49	05/12/22 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	173	S1+	70 - 130				05/06/22 11:49	05/12/22 05:57	1
1,4-Difluorobenzene (Surr)	75		70 - 130				05/06/22 11:49	05/12/22 05:57	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 13:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 13:10	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-43

Lab Sample ID: 890-2271-43

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				05/05/22 14:13	05/06/22 13:10	1
o-Terphenyl	96		70 - 130				05/05/22 14:13	05/06/22 13:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	236		4.95		mg/Kg			05/10/22 12:10	1

Client Sample ID: CS-44

Lab Sample ID: 890-2271-44

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:49	05/12/22 06:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:49	05/12/22 06:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:49	05/12/22 06:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/06/22 11:49	05/12/22 06:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:49	05/12/22 06:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/22 11:49	05/12/22 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	200	S1+	70 - 130				05/06/22 11:49	05/12/22 06:22	1
1,4-Difluorobenzene (Surr)	83		70 - 130				05/06/22 11:49	05/12/22 06:22	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 13:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 13:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				05/05/22 14:13	05/06/22 13:31	1
o-Terphenyl	99		70 - 130				05/05/22 14:13	05/06/22 13:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		4.95		mg/Kg			05/10/22 12:38	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-45

Lab Sample ID: 890-2271-45

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:49	05/12/22 06:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 06:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 06:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:49	05/12/22 06:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 06:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:49	05/12/22 06:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130	05/06/22 11:49	05/12/22 06:48	1
1,4-Difluorobenzene (Surr)	83		70 - 130	05/06/22 11:49	05/12/22 06:48	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 13:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 13:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	05/05/22 14:13	05/06/22 13:53	1
o-Terphenyl	120		70 - 130	05/05/22 14:13	05/06/22 13:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	183		5.05		mg/Kg			05/10/22 12:47	1

Client Sample ID: CS-46

Lab Sample ID: 890-2271-46

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:49	05/12/22 07:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 07:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 07:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/06/22 11:49	05/12/22 07:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 07:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/06/22 11:49	05/12/22 07:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	198	S1+	70 - 130	05/06/22 11:49	05/12/22 07:14	1
1,4-Difluorobenzene (Surr)	78		70 - 130	05/06/22 11:49	05/12/22 07:14	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-46

Lab Sample ID: 890-2271-46

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 14:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 14:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				05/05/22 14:13	05/06/22 14:15	1
o-Terphenyl	119		70 - 130				05/05/22 14:13	05/06/22 14:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	262		4.97		mg/Kg			05/10/22 12:56	1

Client Sample ID: CS-47

Lab Sample ID: 890-2271-47

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:49	05/12/22 07:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:49	05/12/22 07:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:49	05/12/22 07:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/06/22 11:49	05/12/22 07:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:49	05/12/22 07:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/06/22 11:49	05/12/22 07:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	183	S1+	70 - 130				05/06/22 11:49	05/12/22 07:39	1
1,4-Difluorobenzene (Surr)	80		70 - 130				05/06/22 11:49	05/12/22 07:39	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 14:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 14:36	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-47

Lab Sample ID: 890-2271-47

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 14:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				05/05/22 14:13	05/06/22 14:36	1
o-Terphenyl	96		70 - 130				05/05/22 14:13	05/06/22 14:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		5.00		mg/Kg			05/10/22 13:05	1

Client Sample ID: CS-48

Lab Sample ID: 890-2271-48

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:49	05/12/22 08:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:49	05/12/22 08:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:49	05/12/22 08:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 11:49	05/12/22 08:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 11:49	05/12/22 08:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 11:49	05/12/22 08:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	184	S1+	70 - 130				05/06/22 11:49	05/12/22 08:05	1
1,4-Difluorobenzene (Surr)	78		70 - 130				05/06/22 11:49	05/12/22 08:05	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 14:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 14:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				05/05/22 14:13	05/06/22 14:58	1
o-Terphenyl	114		70 - 130				05/05/22 14:13	05/06/22 14:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	493		5.04		mg/Kg			05/10/22 13:15	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-49

Lab Sample ID: 890-2271-49

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:49	05/12/22 08:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:49	05/12/22 08:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:49	05/12/22 08:31	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/06/22 11:49	05/12/22 08:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/06/22 11:49	05/12/22 08:31	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/06/22 11:49	05/12/22 08:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	182	S1+	70 - 130	05/06/22 11:49	05/12/22 08:31	1
1,4-Difluorobenzene (Surr)	82		70 - 130	05/06/22 11:49	05/12/22 08:31	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			05/09/22 15:20	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			05/09/22 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/05/22 14:13	05/06/22 15:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/05/22 14:13	05/06/22 15:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/05/22 14:13	05/06/22 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	05/05/22 14:13	05/06/22 15:20	1
o-Terphenyl	93		70 - 130	05/05/22 14:13	05/06/22 15:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		4.97		mg/Kg			05/10/22 13:24	1

Client Sample ID: CS-50

Lab Sample ID: 890-2271-50

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 11:49	05/12/22 08:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:49	05/12/22 08:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:49	05/12/22 08:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/06/22 11:49	05/12/22 08:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/06/22 11:49	05/12/22 08:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/06/22 11:49	05/12/22 08:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130	05/06/22 11:49	05/12/22 08:57	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/06/22 11:49	05/12/22 08:57	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-50

Lab Sample ID: 890-2271-50

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 15:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 15:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				05/05/22 14:13	05/06/22 15:42	1
o-Terphenyl	136	S1+	70 - 130				05/05/22 14:13	05/06/22 15:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.7		4.95		mg/Kg			05/10/22 13:33	1

Client Sample ID: CS-51

Lab Sample ID: 890-2271-51

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/12/22 10:53	05/12/22 16:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/22 10:53	05/12/22 16:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/22 10:53	05/12/22 16:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/12/22 10:53	05/12/22 16:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/22 10:53	05/12/22 16:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/22 10:53	05/12/22 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				05/12/22 10:53	05/12/22 16:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130				05/12/22 10:53	05/12/22 16:09	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 16:48	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-51

Lab Sample ID: 890-2271-51

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 16:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				05/05/22 14:13	05/06/22 16:48	1
o-Terphenyl	96		70 - 130				05/05/22 14:13	05/06/22 16:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	346		5.05		mg/Kg			05/08/22 13:51	1

Client Sample ID: CS-52

Lab Sample ID: 890-2271-52

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/12/22 10:53	05/12/22 21:04	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/12/22 10:53	05/12/22 21:04	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/12/22 10:53	05/12/22 21:04	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/12/22 10:53	05/12/22 21:04	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/12/22 10:53	05/12/22 21:04	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/12/22 10:53	05/12/22 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				05/12/22 10:53	05/12/22 21:04	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/12/22 10:53	05/12/22 21:04	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 17:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 17:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				05/05/22 14:13	05/06/22 17:09	1
o-Terphenyl	134	S1+	70 - 130				05/05/22 14:13	05/06/22 17:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4		4.99		mg/Kg			05/08/22 14:18	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-53

Lab Sample ID: 890-2271-53

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/12/22 10:53	05/12/22 16:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/22 10:53	05/12/22 16:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/22 10:53	05/12/22 16:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/12/22 10:53	05/12/22 16:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/22 10:53	05/12/22 16:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/22 10:53	05/12/22 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	05/12/22 10:53	05/12/22 16:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/12/22 10:53	05/12/22 16:49	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 17:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 17:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 17:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130	05/05/22 14:13	05/06/22 17:32	1
o-Terphenyl	132	S1+	70 - 130	05/05/22 14:13	05/06/22 17:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.00		mg/Kg			05/08/22 14:28	1

Client Sample ID: SW-1

Lab Sample ID: 890-2271-54

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/12/22 10:53	05/12/22 17:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/12/22 10:53	05/12/22 17:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/12/22 10:53	05/12/22 17:10	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		05/12/22 10:53	05/12/22 17:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/12/22 10:53	05/12/22 17:10	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		05/12/22 10:53	05/12/22 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	05/12/22 10:53	05/12/22 17:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/12/22 10:53	05/12/22 17:10	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-1

Lab Sample ID: 890-2271-54

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 17:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 17:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 17:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				05/05/22 14:13	05/06/22 17:54	1
o-Terphenyl	116		70 - 130				05/05/22 14:13	05/06/22 17:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.42		4.95		mg/Kg			05/08/22 14:37	1

Client Sample ID: SW-2

Lab Sample ID: 890-2271-55

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/12/22 10:53	05/12/22 17:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/12/22 10:53	05/12/22 17:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/12/22 10:53	05/12/22 17:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/12/22 10:53	05/12/22 17:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/12/22 10:53	05/12/22 17:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/12/22 10:53	05/12/22 17:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				05/12/22 10:53	05/12/22 17:30	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/12/22 10:53	05/12/22 17:30	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			05/09/22 15:20	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			05/09/22 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/05/22 14:13	05/06/22 18:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/05/22 14:13	05/06/22 18:15	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-2

Lab Sample ID: 890-2271-55

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/05/22 14:13	05/06/22 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	130		70 - 130				05/05/22 14:13	05/06/22 18:15	1
o-Terphenyl	133	S1+	70 - 130				05/05/22 14:13	05/06/22 18:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.2		5.04		mg/Kg			05/08/22 14:46	1

Client Sample ID: SW-3

Lab Sample ID: 890-2271-56

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/12/22 10:53	05/12/22 17:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/12/22 10:53	05/12/22 17:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/12/22 10:53	05/12/22 17:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		05/12/22 10:53	05/12/22 17:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/12/22 10:53	05/12/22 17:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/12/22 10:53	05/12/22 17:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				05/12/22 10:53	05/12/22 17:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/12/22 10:53	05/12/22 17:51	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 18:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 18:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 18:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				05/05/22 14:13	05/06/22 18:37	1
o-Terphenyl	117		70 - 130				05/05/22 14:13	05/06/22 18:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.63		4.97		mg/Kg			05/08/22 15:14	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-4

Lab Sample ID: 890-2271-57

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/12/22 10:53	05/12/22 18:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 10:53	05/12/22 18:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 10:53	05/12/22 18:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/12/22 10:53	05/12/22 18:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 10:53	05/12/22 18:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/12/22 10:53	05/12/22 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/12/22 10:53	05/12/22 18:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/12/22 10:53	05/12/22 18:11	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 18:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 18:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	05/05/22 14:13	05/06/22 18:59	1
o-Terphenyl	117		70 - 130	05/05/22 14:13	05/06/22 18:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			05/08/22 15:23	1

Client Sample ID: SW-5

Lab Sample ID: 890-2271-58

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/12/22 10:53	05/12/22 18:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/22 10:53	05/12/22 18:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/22 10:53	05/12/22 18:32	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/12/22 10:53	05/12/22 18:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/22 10:53	05/12/22 18:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/22 10:53	05/12/22 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/12/22 10:53	05/12/22 18:32	1
1,4-Difluorobenzene (Surr)	101		70 - 130	05/12/22 10:53	05/12/22 18:32	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-5

Lab Sample ID: 890-2271-58

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 19:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 19:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 14:13	05/06/22 19:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				05/05/22 14:13	05/06/22 19:20	1
o-Terphenyl	117		70 - 130				05/05/22 14:13	05/06/22 19:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.6		4.99		mg/Kg			05/08/22 15:32	1

Client Sample ID: SW-6

Lab Sample ID: 890-2271-59

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/12/22 10:53	05/12/22 18:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/22 10:53	05/12/22 18:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/22 10:53	05/12/22 18:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/12/22 10:53	05/12/22 18:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/22 10:53	05/12/22 18:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/22 10:53	05/12/22 18:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				05/12/22 10:53	05/12/22 18:52	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/12/22 10:53	05/12/22 18:52	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			05/09/22 15:20	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			05/09/22 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/05/22 14:13	05/06/22 19:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/05/22 14:13	05/06/22 19:42	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-6

Lab Sample ID: 890-2271-59

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/05/22 14:13	05/06/22 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				05/05/22 14:13	05/06/22 19:42	1
o-Terphenyl	115		70 - 130				05/05/22 14:13	05/06/22 19:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.50		5.01		mg/Kg			05/08/22 15:41	1

Client Sample ID: SW-7

Lab Sample ID: 890-2271-60

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/12/22 10:53	05/12/22 19:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/22 10:53	05/12/22 19:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/22 10:53	05/12/22 19:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/12/22 10:53	05/12/22 19:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/22 10:53	05/12/22 19:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/22 10:53	05/12/22 19:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				05/12/22 10:53	05/12/22 19:13	1
1,4-Difluorobenzene (Surr)	102		70 - 130				05/12/22 10:53	05/12/22 19:13	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 20:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 20:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 20:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				05/05/22 14:13	05/06/22 20:03	1
o-Terphenyl	132	S1+	70 - 130				05/05/22 14:13	05/06/22 20:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.6		4.98		mg/Kg			05/08/22 15:51	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-8

Lab Sample ID: 890-2271-61

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1 F2	0.00201		mg/Kg		05/06/22 12:52	05/08/22 01:45	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		05/06/22 12:52	05/08/22 01:45	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		05/06/22 12:52	05/08/22 01:45	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		05/06/22 12:52	05/08/22 01:45	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		05/06/22 12:52	05/08/22 01:45	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		05/06/22 12:52	05/08/22 01:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	05/06/22 12:52	05/08/22 01:45	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/06/22 12:52	05/08/22 01:45	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 21:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 21:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 21:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	05/05/22 14:19	05/06/22 21:49	1
o-Terphenyl	108		70 - 130	05/05/22 14:19	05/06/22 21:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	266	F1	5.02		mg/Kg			05/09/22 11:54	1

Client Sample ID: SW-9

Lab Sample ID: 890-2271-62

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 12:52	05/08/22 02:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 12:52	05/08/22 02:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 12:52	05/08/22 02:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 12:52	05/08/22 02:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 12:52	05/08/22 02:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 12:52	05/08/22 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/06/22 12:52	05/08/22 02:05	1
1,4-Difluorobenzene (Surr)	79		70 - 130	05/06/22 12:52	05/08/22 02:05	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-9

Lab Sample ID: 890-2271-62

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 14:19	05/06/22 22:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 14:19	05/06/22 22:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 14:19	05/06/22 22:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				05/05/22 14:19	05/06/22 22:52	1
o-Terphenyl	107		70 - 130				05/05/22 14:19	05/06/22 22:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		4.99		mg/Kg			05/08/22 16:27	1

Client Sample ID: SW-10

Lab Sample ID: 890-2271-63

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 12:52	05/08/22 02:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 12:52	05/08/22 02:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 12:52	05/08/22 02:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/06/22 12:52	05/08/22 02:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 12:52	05/08/22 02:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/06/22 12:52	05/08/22 02:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				05/06/22 12:52	05/08/22 02:25	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/06/22 12:52	05/08/22 02:25	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 23:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 23:12	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-10

Lab Sample ID: 890-2271-63

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				05/05/22 14:19	05/06/22 23:12	1
o-Terphenyl	112		70 - 130				05/05/22 14:19	05/06/22 23:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.9		4.98		mg/Kg			05/08/22 16:37	1

Client Sample ID: SW-11

Lab Sample ID: 890-2271-64

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 12:52	05/08/22 02:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/06/22 12:52	05/08/22 02:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/06/22 12:52	05/08/22 02:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/06/22 12:52	05/08/22 02:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/06/22 12:52	05/08/22 02:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/06/22 12:52	05/08/22 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				05/06/22 12:52	05/08/22 02:46	1
1,4-Difluorobenzene (Surr)	88		70 - 130				05/06/22 12:52	05/08/22 02:46	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/05/22 14:19	05/06/22 23:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/05/22 14:19	05/06/22 23:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/05/22 14:19	05/06/22 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				05/05/22 14:19	05/06/22 23:33	1
o-Terphenyl	111		70 - 130				05/05/22 14:19	05/06/22 23:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.5		5.03		mg/Kg			05/08/22 17:04	1

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-12

Lab Sample ID: 890-2271-65

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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		05/06/22 12:52	05/08/22 03:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/06/22 12:52	05/08/22 03:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/06/22 12:52	05/08/22 03:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/06/22 12:52	05/08/22 03:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/06/22 12:52	05/08/22 03:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/06/22 12:52	05/08/22 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/06/22 12:52	05/08/22 03:06	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/06/22 12:52	05/08/22 03:06	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			05/09/22 15:20	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 11:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 23:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130	05/05/22 14:19	05/06/22 23:54	1
o-Terphenyl	138	S1+	70 - 130	05/05/22 14:19	05/06/22 23:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.7		5.01		mg/Kg			05/08/22 17:13	1

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Surrogate Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-2271-1	CS-1	114	95
890-2271-1 MS	CS-1	110	95
890-2271-1 MSD	CS-1	113	96
890-2271-2	CS-2	111	94
890-2271-3	CS-3	314 S1+	256 S1+
890-2271-4	CS-4	112	91
890-2271-5	CS-5	116	91
890-2271-6	CS-6	117	93
890-2271-7	CS-7	110	88
890-2271-8	CS-8	114	91
890-2271-9	CS-9	115	88
890-2271-10	CS-10	114	89
890-2271-11	CS-11	118	91
890-2271-12	CS-12	117	93
890-2271-13	CS-13	115	91
890-2271-14	CS-14	113	90
890-2271-15	CS-15	113	91
890-2271-16	CS-16	115	89
890-2271-17	CS-17	117	93
890-2271-18	CS-18	90	99
890-2271-19	CS-19	115	91
890-2271-20	CS-20	112	87
890-2271-21	CS-21	108	96
890-2271-22	CS-22	105	96
890-2271-23	CS-23	107	96
890-2271-24	CS-24	108	97
890-2271-25	CS-25	106	95
890-2271-26	CS-26	111	98
890-2271-27	CS-27	111	89
890-2271-28	CS-28	109	90
890-2271-29	CS-29	113	93
890-2271-30	CS-30	108	96
890-2271-31	CS-31	107	95
890-2271-32	CS-32	110	98
890-2271-33	CS-33	108	98
890-2271-34	CS-34	105	98
890-2271-35	CS-35	109	99
890-2271-36	CS-36	105	99
890-2271-37	CS-37	102	97
890-2271-38	CS-38	103	98
890-2271-39	CS-39	107	100
890-2271-40	CS-40	107	99
890-2271-41	CS-41	163 S1+	71
890-2271-41 MS	CS-41	164 S1+	85
890-2271-41 MSD	CS-41	185 S1+	82
890-2271-42	CS-42	170 S1+	81
890-2271-43	CS-43	173 S1+	75
890-2271-44	CS-44	200 S1+	83
890-2271-45	CS-45	178 S1+	83

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Surrogate Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-2271-46	CS-46	198 S1+	78
890-2271-47	CS-47	183 S1+	80
890-2271-48	CS-48	184 S1+	78
890-2271-49	CS-49	182 S1+	82
890-2271-50	CS-50	168 S1+	94
890-2271-51	CS-51	112	101
890-2271-51 MS	CS-51	114	98
890-2271-51 MSD	CS-51	111	102
890-2271-52	CS-52	111	100
890-2271-53	CS-53	110	100
890-2271-54	SW-1	110	93
890-2271-55	SW-2	110	100
890-2271-56	SW-3	105	99
890-2271-57	SW-4	109	100
890-2271-58	SW-5	109	101
890-2271-59	SW-6	107	99
890-2271-60	SW-7	110	102
890-2271-61	SW-8	117	93
890-2271-61 MS	SW-8	111	80
890-2271-61 MSD	SW-8	117	91
890-2271-62	SW-9	102	79
890-2271-63	SW-10	114	90
890-2271-64	SW-11	119	88
890-2271-65	SW-12	115	91
LCS 880-24967/1-A	Lab Control Sample	111	96
LCS 880-24969/1-A	Lab Control Sample	165 S1+	78
LCS 880-24982/1-A	Lab Control Sample	118	94
LCS 880-25088/1-A	Lab Control Sample	150 S1+	94
LCS 880-25410/1-A	Lab Control Sample	106	99
LCSD 880-24967/2-A	Lab Control Sample Dup	110	95
LCSD 880-24969/2-A	Lab Control Sample Dup	162 S1+	89
LCSD 880-24982/2-A	Lab Control Sample Dup	114	92
LCSD 880-25088/2-A	Lab Control Sample Dup	137 S1+	85
LCSD 880-25410/2-A	Lab Control Sample Dup	105	98
MB 880-24878/5-A	Method Blank	103	90
MB 880-24967/5-A	Method Blank	102	90
MB 880-24968/5-A	Method Blank	99	93
MB 880-24969/5-A	Method Blank	132 S1+	71
MB 880-24982/5-A	Method Blank	102	90
MB 880-25088/5-A	Method Blank	107	76
MB 880-25305/5-A	Method Blank	104	89
MB 880-25410/5-A	Method Blank	99	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2271-1	CS-1	112	117
890-2271-1 MS	CS-1	113	112
890-2271-1 MSD	CS-1	97	96
890-2271-2	CS-2	109	117
890-2271-3	CS-3	103	111
890-2271-4	CS-4	101	107
890-2271-5	CS-5	102	109
890-2271-6	CS-6	106	112
890-2271-7	CS-7	119	126
890-2271-8	CS-8	105	112
890-2271-9	CS-9	104	111
890-2271-10	CS-10	92	96
890-2271-11	CS-11	123	129
890-2271-12	CS-12	101	106
890-2271-13	CS-13	101	110
890-2271-14	CS-14	117	121
890-2271-15	CS-15	99	107
890-2271-16	CS-16	98	103
890-2271-17	CS-17	111	116
890-2271-18	CS-18	91	96
890-2271-19	CS-19	87	91
890-2271-20	CS-20	82	84
890-2271-21	CS-21	91	97
890-2271-21 MS	CS-21	82	80
890-2271-21 MSD	CS-21	75	73
890-2271-22	CS-22	100	101
890-2271-23	CS-23	93	94
890-2271-24	CS-24	98	102
890-2271-25	CS-25	93	92
890-2271-26	CS-26	88	89
890-2271-27	CS-27	84	81
890-2271-28	CS-28	86	87
890-2271-29	CS-29	71	74
890-2271-30	CS-30	89	84
890-2271-31	CS-31	79	80
890-2271-32	CS-32	95	98
890-2271-33	CS-33	95	97
890-2271-34	CS-34	95	93
890-2271-35	CS-35	99	102
890-2271-36	CS-36	75	77
890-2271-37	CS-37	83	87
890-2271-38	CS-38	80	82
890-2271-39	CS-39	89	89
890-2271-40	CS-40	95	93
890-2271-41	CS-41	85	84
890-2271-41 MS	CS-41	87	78
890-2271-41 MSD	CS-41	103	93
890-2271-42	CS-42	120	117
890-2271-43	CS-43	96	96
890-2271-44	CS-44	99	99

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Surrogate Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2271-45	CS-45	120	120
890-2271-46	CS-46	119	119
890-2271-47	CS-47	96	96
890-2271-48	CS-48	117	114
890-2271-49	CS-49	93	93
890-2271-50	CS-50	132 S1+	136 S1+
890-2271-51	CS-51	99	96
890-2271-52	CS-52	129	134 S1+
890-2271-53	CS-53	132 S1+	132 S1+
890-2271-54	SW-1	113	116
890-2271-55	SW-2	130	133 S1+
890-2271-56	SW-3	114	117
890-2271-57	SW-4	113	117
890-2271-58	SW-5	119	117
890-2271-59	SW-6	115	115
890-2271-60	SW-7	129	132 S1+
890-2271-61	SW-8	112	108
890-2271-61 MS	SW-8	104	92
890-2271-61 MSD	SW-8	89	78
890-2271-62	SW-9	107	107
890-2271-63	SW-10	111	112
890-2271-64	SW-11	112	111
890-2271-65	SW-12	135 S1+	138 S1+
LCS 880-24900/2-A	Lab Control Sample	107	104
LCS 880-24901/2-A	Lab Control Sample	110	111
LCS 880-24910/2-A	Lab Control Sample	97	93
LCS 880-24911/2-A	Lab Control Sample	101	95
LCSD 880-24900/3-A	Lab Control Sample Dup	112	113
LCSD 880-24901/3-A	Lab Control Sample Dup	102	104
LCSD 880-24910/3-A	Lab Control Sample Dup	109	102
LCSD 880-24911/3-A	Lab Control Sample Dup	111	105
MB 880-24900/1-A	Method Blank	103	111
MB 880-24901/1-A	Method Blank	104	114
MB 880-24910/1-A	Method Blank	107	112
MB 880-24911/1-A	Method Blank	98	102

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-24878/5-A

Matrix: Solid

Analysis Batch: 25025

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/05/22 11:41	05/07/22 14:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/05/22 11:41	05/07/22 14:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/05/22 11:41	05/07/22 14:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/05/22 11:41	05/07/22 14:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/05/22 11:41	05/07/22 14:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/05/22 11:41	05/07/22 14:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/05/22 11:41	05/07/22 14:47	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/05/22 11:41	05/07/22 14:47	1

Lab Sample ID: MB 880-24967/5-A

Matrix: Solid

Analysis Batch: 25307

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24967

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/11/22 22:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/11/22 22:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/11/22 22:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:34	05/11/22 22:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:34	05/11/22 22:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:34	05/11/22 22:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/06/22 11:34	05/11/22 22:27	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/06/22 11:34	05/11/22 22:27	1

Lab Sample ID: LCS 880-24967/1-A

Matrix: Solid

Analysis Batch: 25307

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24967

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08612		mg/Kg		86	70 - 130
Toluene	0.100	0.09360		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.09661		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1988		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1020		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-24967/2-A

Matrix: Solid

Analysis Batch: 25307

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24967

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09377		mg/Kg		94	70 - 130	9	35

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: LCSD 880-24967/2-A

Matrix: Solid

Analysis Batch: 25307

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24967

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1022		mg/Kg		102	70 - 130	9	35
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2172		mg/Kg		109	70 - 130	9	35
o-Xylene	0.100	0.1114		mg/Kg		111	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-2271-1 MS

Matrix: Solid

Analysis Batch: 25307

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 24967

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0996	0.08986		mg/Kg		90	70 - 130
Toluene	<0.00201	U	0.0996	0.09609		mg/Kg		96	70 - 130
Ethylbenzene	<0.00201	U	0.0996	0.09977		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.199	0.2036		mg/Kg		102	70 - 130
o-Xylene	<0.00201	U	0.0996	0.1023		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 890-2271-1 MSD

Matrix: Solid

Analysis Batch: 25307

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 24967

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0994	0.08152		mg/Kg		82	70 - 130	10	35
Toluene	<0.00201	U	0.0994	0.08833		mg/Kg		89	70 - 130	8	35
Ethylbenzene	<0.00201	U	0.0994	0.09109		mg/Kg		92	70 - 130	9	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1868		mg/Kg		94	70 - 130	9	35
o-Xylene	<0.00201	U	0.0994	0.09370		mg/Kg		94	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-24968/5-A

Matrix: Solid

Analysis Batch: 25304

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 03:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 03:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 03:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:38	05/12/22 03:12	1

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: MB 880-24968/5-A

Matrix: Solid

Analysis Batch: 25304

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:38	05/12/22 03:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:38	05/12/22 03:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/06/22 11:38	05/12/22 03:12	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/06/22 11:38	05/12/22 03:12	1

Lab Sample ID: MB 880-24969/5-A

Matrix: Solid

Analysis Batch: 25306

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 04:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 04:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 04:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 11:49	05/12/22 04:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 11:49	05/12/22 04:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 11:49	05/12/22 04:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				05/06/22 11:49	05/12/22 04:40	1
1,4-Difluorobenzene (Surr)	71		70 - 130				05/06/22 11:49	05/12/22 04:40	1

Lab Sample ID: LCS 880-24969/1-A

Matrix: Solid

Analysis Batch: 25306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24969

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09153		mg/Kg		92	70 - 130
Toluene	0.100	0.09071		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09679		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1992		mg/Kg		100	70 - 130
o-Xylene	0.100	0.1024		mg/Kg		102	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	165	S1+	70 - 130				
1,4-Difluorobenzene (Surr)	78		70 - 130				

Lab Sample ID: LCSD 880-24969/2-A

Matrix: Solid

Analysis Batch: 25306

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24969

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1026		mg/Kg		103	70 - 130	11	35
Toluene	0.100	0.1041		mg/Kg		104	70 - 130	14	35
Ethylbenzene	0.100	0.1111		mg/Kg		111	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.2262		mg/Kg		113	70 - 130	13	35
o-Xylene	0.100	0.1133		mg/Kg		113	70 - 130	10	35

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 890-2271-41 MS

Matrix: Solid

Analysis Batch: 25306

Client Sample ID: CS-41

Prep Type: Total/NA

Prep Batch: 24969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1 F2	0.0994	0.07962		mg/Kg		80	70 - 130
Toluene	<0.00201	U F1 F2	0.0994	0.08379		mg/Kg		84	70 - 130
Ethylbenzene	<0.00201	U F1 F2	0.0994	0.09036		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.199	0.1841		mg/Kg		93	70 - 130
o-Xylene	<0.00201	U F1 F2	0.0994	0.09376		mg/Kg		94	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 890-2271-41 MSD

Matrix: Solid

Analysis Batch: 25306

Client Sample ID: CS-41

Prep Type: Total/NA

Prep Batch: 24969

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00201	U F1 F2	0.101	0.1390	F1 F2	mg/Kg		138	70 - 130	54	35
Toluene	<0.00201	U F1 F2	0.101	0.1384	F1 F2	mg/Kg		137	70 - 130	49	35
Ethylbenzene	<0.00201	U F1 F2	0.101	0.1494	F1 F2	mg/Kg		148	70 - 130	49	35
m-Xylene & p-Xylene	<0.00402	U F1 F2	0.202	0.3036	F1 F2	mg/Kg		150	70 - 130	49	35
o-Xylene	<0.00201	U F1 F2	0.101	0.1540	F1 F2	mg/Kg		152	70 - 130	49	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: MB 880-24982/5-A

Matrix: Solid

Analysis Batch: 25025

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24982

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/06/22 12:52	05/08/22 01:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/06/22 12:52	05/08/22 01:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/06/22 12:52	05/08/22 01:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/06/22 12:52	05/08/22 01:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/06/22 12:52	05/08/22 01:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/06/22 12:52	05/08/22 01:23	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	102		70 - 130	05/06/22 12:52	05/08/22 01:23	1			
1,4-Difluorobenzene (Surr)	90		70 - 130	05/06/22 12:52	05/08/22 01:23	1			

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: LCS 880-24982/1-A

Matrix: Solid

Analysis Batch: 25025

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24982

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08345		mg/Kg		83	70 - 130
Toluene	0.100	0.09252		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09916		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2039		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1078		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-24982/2-A

Matrix: Solid

Analysis Batch: 25025

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24982

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08154		mg/Kg		82	70 - 130	2	35
Toluene	0.100	0.09275		mg/Kg		93	70 - 130	0	35
Ethylbenzene	0.100	0.1010		mg/Kg		101	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2085		mg/Kg		104	70 - 130	2	35
o-Xylene	0.100	0.1073		mg/Kg		107	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-2271-61 MS

Matrix: Solid

Analysis Batch: 25025

Client Sample ID: SW-8

Prep Type: Total/NA

Prep Batch: 24982

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1 F2	0.101	0.02738	F1	mg/Kg		27	70 - 130
Toluene	<0.00201	U F1	0.101	0.03964	F1	mg/Kg		39	70 - 130
Ethylbenzene	<0.00201	U F1	0.101	0.04586	F1	mg/Kg		45	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.202	0.09355	F1	mg/Kg		46	70 - 130
o-Xylene	<0.00201	U F1	0.101	0.05194	F1	mg/Kg		51	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: 890-2271-61 MSD

Matrix: Solid

Analysis Batch: 25025

Client Sample ID: SW-8

Prep Type: Total/NA

Prep Batch: 24982

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1 F2	0.101	0.04665	F1 F2	mg/Kg		46	70 - 130	52	35
Toluene	<0.00201	U F1	0.101	0.05560	F1	mg/Kg		55	70 - 130	34	35
Ethylbenzene	<0.00201	U F1	0.101	0.06090	F1	mg/Kg		60	70 - 130	28	35

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: 890-2271-61 MSD

Matrix: Solid

Analysis Batch: 25025

Client Sample ID: SW-8

Prep Type: Total/NA

Prep Batch: 24982

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00402	U F1	0.202	0.1271	F1	mg/Kg		63	70 - 130	30	35
o-Xylene	<0.00201	U F1	0.101	0.06751	F1	mg/Kg		67	70 - 130	26	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: MB 880-25088/5-A

Matrix: Solid

Analysis Batch: 25306

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25088

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/22 11:53	05/11/22 14:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/22 11:53	05/11/22 14:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/22 11:53	05/11/22 14:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/09/22 11:53	05/11/22 14:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/22 11:53	05/11/22 14:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/22 11:53	05/11/22 14:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/09/22 11:53	05/11/22 14:53	1
1,4-Difluorobenzene (Surr)	76		70 - 130	05/09/22 11:53	05/11/22 14:53	1

Lab Sample ID: LCS 880-25088/1-A

Matrix: Solid

Analysis Batch: 25306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25088

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1130		mg/Kg		113	70 - 130
Toluene	0.100	0.1120		mg/Kg		112	70 - 130
Ethylbenzene	0.100	0.1247		mg/Kg		125	70 - 130
m-Xylene & p-Xylene	0.200	0.2529		mg/Kg		126	70 - 130
o-Xylene	0.100	0.1257		mg/Kg		126	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-25088/2-A

Matrix: Solid

Analysis Batch: 25306

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25088

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1079		mg/Kg		108	70 - 130	5	35
Toluene	0.100	0.1095		mg/Kg		109	70 - 130	2	35
Ethylbenzene	0.100	0.1195		mg/Kg		120	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2415		mg/Kg		121	70 - 130	5	35
o-Xylene	0.100	0.1191		mg/Kg		119	70 - 130	5	35

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

	LCSD LCSD		
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: MB 880-25305/5-A

Matrix: Solid

Analysis Batch: 25307

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25305

	MB MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/11/22 08:21	05/11/22 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/11/22 08:21	05/11/22 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/11/22 08:21	05/11/22 11:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/11/22 08:21	05/11/22 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/11/22 08:21	05/11/22 11:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/11/22 08:21	05/11/22 11:51	1

	MB MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				05/11/22 08:21	05/11/22 11:51	1
1,4-Difluorobenzene (Surr)	89		70 - 130				05/11/22 08:21	05/11/22 11:51	1

Lab Sample ID: MB 880-25410/5-A

Matrix: Solid

Analysis Batch: 25413

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 25410

	MB MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/22 10:53	05/12/22 15:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/22 10:53	05/12/22 15:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/22 10:53	05/12/22 15:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/12/22 10:53	05/12/22 15:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/22 10:53	05/12/22 15:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/12/22 10:53	05/12/22 15:39	1

	MB MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/12/22 10:53	05/12/22 15:39	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/12/22 10:53	05/12/22 15:39	1

Lab Sample ID: LCS 880-25410/1-A

Matrix: Solid

Analysis Batch: 25413

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 25410

		Spike		LCS	LCS				%Rec
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene		0.100	0.09746		mg/Kg		97	70 - 130	
Toluene		0.100	0.09527		mg/Kg		95	70 - 130	
Ethylbenzene		0.100	0.09824		mg/Kg		98	70 - 130	
m-Xylene & p-Xylene		0.200	0.2028		mg/Kg		101	70 - 130	
o-Xylene		0.100	0.1101		mg/Kg		110	70 - 130	

	LCS LCS		
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: LCSD 880-25410/2-A

Matrix: Solid

Analysis Batch: 25413

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 25410

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09068		mg/Kg		91	70 - 130	7	35
Toluene	0.100	0.09342		mg/Kg		93	70 - 130	2	35
Ethylbenzene	0.100	0.09699		mg/Kg		97	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2022		mg/Kg		101	70 - 130	0	35
o-Xylene	0.100	0.1092		mg/Kg		109	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-2271-51 MS

Matrix: Solid

Analysis Batch: 25413

Client Sample ID: CS-51

Prep Type: Total/NA

Prep Batch: 25410

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.0996	0.07938		mg/Kg		80	70 - 130
Toluene	<0.00201	U	0.0996	0.08283		mg/Kg		83	70 - 130
Ethylbenzene	<0.00201	U	0.0996	0.08646		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1824		mg/Kg		92	70 - 130
o-Xylene	<0.00201	U	0.0996	0.1002		mg/Kg		101	70 - 130

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

Lab Sample ID: 890-2271-51 MSD

Matrix: Solid

Analysis Batch: 25413

Client Sample ID: CS-51

Prep Type: Total/NA

Prep Batch: 25410

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0998	0.09289		mg/Kg		93	70 - 130	16	35
Toluene	<0.00201	U	0.0998	0.09234		mg/Kg		92	70 - 130	11	35
Ethylbenzene	<0.00201	U	0.0998	0.09471		mg/Kg		95	70 - 130	9	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1980		mg/Kg		99	70 - 130	8	35
o-Xylene	<0.00201	U	0.0998	0.1077		mg/Kg		108	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: MB 880-24900/1-A

Matrix: Solid

Analysis Batch: 24951

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24900

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		05/05/22 13:14	05/06/22 10:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 10:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:14	05/06/22 10:43	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				05/05/22 13:14	05/06/22 10:43	1
o-Terphenyl	111		70 - 130				05/05/22 13:14	05/06/22 10:43	1

Lab Sample ID: LCS 880-24900/2-A

Matrix: Solid

Analysis Batch: 24951

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1020		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1097		mg/Kg		110	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	107		70 - 130				
o-Terphenyl	104		70 - 130				

Lab Sample ID: LCSD 880-24900/3-A

Matrix: Solid

Analysis Batch: 24951

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24900

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	957.0		mg/Kg		96	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1055		mg/Kg		106	70 - 130	4	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	112		70 - 130						
o-Terphenyl	113		70 - 130						

Lab Sample ID: 890-2271-1 MS

Matrix: Solid

Analysis Batch: 24951

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 24900

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 F2	1000	1330		mg/Kg		130	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1143		mg/Kg		114	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: 890-2271-1 MS

Matrix: Solid

Analysis Batch: 24951

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 24900

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	112		70 - 130

Lab Sample ID: 890-2271-1 MSD

Matrix: Solid

Analysis Batch: 24951

Client Sample ID: CS-1

Prep Type: Total/NA

Prep Batch: 24900

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 F2	998	956.0	F2	mg/Kg		93	70 - 130	33	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	990.2		mg/Kg		99	70 - 130	14	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	97		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: MB 880-24901/1-A

Matrix: Solid

Analysis Batch: 24953

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24901

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		05/05/22 13:17	05/06/22 10:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 10:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 13:17	05/06/22 10:43	1

	MB	MB					Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				05/05/22 13:17	05/06/22 10:43	1
o-Terphenyl	114		70 - 130				05/05/22 13:17	05/06/22 10:43	1

Lab Sample ID: LCS 880-24901/2-A

Matrix: Solid

Analysis Batch: 24953

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24901

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	942.1		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1067		mg/Kg		107	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	111		70 - 130

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: LCSD 880-24901/3-A

Matrix: Solid

Analysis Batch: 24953

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24901

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	851.3		mg/Kg		85	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	951.0		mg/Kg		95	70 - 130	12	20
	LCSD %Recovery	LCSD Qualifier	Limits						
Surrogate									
1-Chlorooctane	102		70 - 130						
o-Terphenyl	104		70 - 130						

Lab Sample ID: 890-2271-21 MS

Matrix: Solid

Analysis Batch: 24953

Client Sample ID: CS-21

Prep Type: Total/NA

Prep Batch: 24901

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1075		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	806.5		mg/Kg		79	70 - 130		
	MS %Recovery	MS Qualifier	Limits								
Surrogate											
1-Chlorooctane	82		70 - 130								
o-Terphenyl	80		70 - 130								

Lab Sample ID: 890-2271-21 MSD

Matrix: Solid

Analysis Batch: 24953

Client Sample ID: CS-21

Prep Type: Total/NA

Prep Batch: 24901

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	983.3		mg/Kg		96	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	748.6		mg/Kg		73	70 - 130	7	20
	MSD %Recovery	MSD Qualifier	Limits								
Surrogate											
1-Chlorooctane	75		70 - 130								
o-Terphenyl	73		70 - 130								

Lab Sample ID: MB 880-24910/1-A

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24910

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		05/05/22 14:13	05/06/22 10:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 10:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:13	05/06/22 10:41	1

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: MB 880-24910/1-A

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24910

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	107		70 - 130	05/05/22 14:13	05/06/22 10:41	1				
o-Terphenyl	112		70 - 130	05/05/22 14:13	05/06/22 10:41	1				

Lab Sample ID: LCS 880-24910/2-A

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24910

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1015		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	900.9		mg/Kg		90	70 - 130		

	LCS	LCS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	97		70 - 130								
o-Terphenyl	93		70 - 130								

Lab Sample ID: LCSD 880-24910/3-A

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24910

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1058		mg/Kg		106	70 - 130	4	20	
Diesel Range Organics (Over C10-C28)			1000	935.8		mg/Kg		94	70 - 130	4	20	

	LCSD	LCSD										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	109		70 - 130									
o-Terphenyl	102		70 - 130									

Lab Sample ID: 890-2271-41 MS

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: CS-41

Prep Type: Total/NA

Prep Batch: 24910

	Sample	Sample	Spike	MS	MS				%Rec			
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1001		mg/Kg		97	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	733.2		mg/Kg		73	70 - 130			

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	87		70 - 130									
o-Terphenyl	78		70 - 130									

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: 890-2271-41 MSD

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: CS-41

Prep Type: Total/NA

Prep Batch: 24910

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	1158		mg/Kg		113	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	869.2		mg/Kg		87	70 - 130	17	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	103		70 - 130								
o-Terphenyl	93		70 - 130								

Lab Sample ID: MB 880-24911/1-A

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 24911

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		05/05/22 14:19	05/06/22 20:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 20:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/22 14:19	05/06/22 20:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				05/05/22 14:19	05/06/22 20:46	1
o-Terphenyl	102		70 - 130				05/05/22 14:19	05/06/22 20:46	1

Lab Sample ID: LCS 880-24911/2-A

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 24911

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1096		mg/Kg		110	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	901.0		mg/Kg		90	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	101		70 - 130						
o-Terphenyl	95		70 - 130						

Lab Sample ID: LCSD 880-24911/3-A

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24911

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1119		mg/Kg		112	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	924.3		mg/Kg		92	70 - 130	3	20

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

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

Lab Sample ID: LCSD 880-24911/3-A

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 24911

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: 890-2271-61 MS

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: SW-8

Prep Type: Total/NA

Prep Batch: 24911

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1195		mg/Kg		119	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	940.9		mg/Kg		92	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	104		70 - 130							
o-Terphenyl	92		70 - 130							

Lab Sample ID: 890-2271-61 MSD

Matrix: Solid

Analysis Batch: 24947

Client Sample ID: SW-8

Prep Type: Total/NA

Prep Batch: 24911

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1029		mg/Kg		103	70 - 130	15	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	813.9		mg/Kg		80	70 - 130	14	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	89		70 - 130									
o-Terphenyl	78		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-24898/1-A

Matrix: Solid

Analysis Batch: 24940

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<5.00	U	5.00		mg/Kg			05/06/22 17:12	1	

Lab Sample ID: LCS 880-24898/2-A

Matrix: Solid

Analysis Batch: 24940

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS						%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	253.5		mg/Kg		101	90 - 110			

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-24898/3-A

Matrix: Solid

Analysis Batch: 24940

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	273.1		mg/Kg		109	90 - 110	7	20

Lab Sample ID: 890-2271-1 MS

Matrix: Solid

Analysis Batch: 24940

Client Sample ID: CS-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	21.8		250	280.5		mg/Kg		103	90 - 110

Lab Sample ID: 890-2271-1 MSD

Matrix: Solid

Analysis Batch: 24940

Client Sample ID: CS-1

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	21.8		250	260.3		mg/Kg		95	90 - 110	7	20

Lab Sample ID: MB 880-24899/1-A

Matrix: Solid

Analysis Batch: 24941

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			05/08/22 13:11	1

Lab Sample ID: LCS 880-24899/2-A

Matrix: Solid

Analysis Batch: 24941

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	274.8		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-24899/3-A

Matrix: Solid

Analysis Batch: 24941

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	262.7		mg/Kg		105	90 - 110	5	20

Lab Sample ID: 890-2271-11 MS

Matrix: Solid

Analysis Batch: 24941

Client Sample ID: CS-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.2	F1	250	332.8	F1	mg/Kg		113	90 - 110

Lab Sample ID: 890-2271-11 MSD

Matrix: Solid

Analysis Batch: 24941

Client Sample ID: CS-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50.2	F1	250	361.8	F1	mg/Kg		125	90 - 110	8	20

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2271-21 MS

Matrix: Solid

Analysis Batch: 24941

Client Sample ID: CS-21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	390	F1	248	647.4		mg/Kg		104	90 - 110

Lab Sample ID: 890-2271-21 MSD

Matrix: Solid

Analysis Batch: 24941

Client Sample ID: CS-21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	390	F1	248	706.1	F1	mg/Kg		127	90 - 110	9	20

Lab Sample ID: MB 880-24902/1-A

Matrix: Solid

Analysis Batch: 24944

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			05/10/22 08:57	1

Lab Sample ID: LCS 880-24902/2-A

Matrix: Solid

Analysis Batch: 24944

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.8		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-24902/3-A

Matrix: Solid

Analysis Batch: 24944

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	251.9		mg/Kg		101	90 - 110	3	20

Lab Sample ID: 890-2271-31 MS

Matrix: Solid

Analysis Batch: 24944

Client Sample ID: CS-31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	429	F1	250	741.5	F1	mg/Kg		125	90 - 110

Lab Sample ID: 890-2271-31 MSD

Matrix: Solid

Analysis Batch: 24944

Client Sample ID: CS-31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	429	F1	250	735.0	F1	mg/Kg		122	90 - 110	1	20

Lab Sample ID: 890-2271-41 MS

Matrix: Solid

Analysis Batch: 24944

Client Sample ID: CS-41

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	115	F1	248	443.8	F1	mg/Kg		133	90 - 110

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-2271-41 MSD

Matrix: Solid

Analysis Batch: 24944

Client Sample ID: CS-41

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	115	F1	248	481.0	F1	mg/Kg		148	90 - 110	8	20

Lab Sample ID: MB 880-24903/1-A

Matrix: Solid

Analysis Batch: 25042

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			05/08/22 13:23	1

Lab Sample ID: LCS 880-24903/2-A

Matrix: Solid

Analysis Batch: 25042

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-24903/3-A

Matrix: Solid

Analysis Batch: 25042

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	243.6		mg/Kg		97	90 - 110	2	20

Lab Sample ID: 890-2271-51 MS

Matrix: Solid

Analysis Batch: 25042

Client Sample ID: CS-51

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	346		253	595.8		mg/Kg		99	90 - 110

Lab Sample ID: 890-2271-51 MSD

Matrix: Solid

Analysis Batch: 25042

Client Sample ID: CS-51

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	346		253	597.3		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-2271-61 MS

Matrix: Solid

Analysis Batch: 25042

Client Sample ID: SW-8

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	266	F1	251	565.8	F1	mg/Kg		119	90 - 110

Lab Sample ID: 890-2271-61 MSD

Matrix: Solid

Analysis Batch: 25042

Client Sample ID: SW-8

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	266	F1	251	565.6	F1	mg/Kg		119	90 - 110	0	20

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC VOA

Prep Batch: 24878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-24878/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 24967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-1	CS-1	Total/NA	Solid	5035	
890-2271-2	CS-2	Total/NA	Solid	5035	
890-2271-3	CS-3	Total/NA	Solid	5035	
890-2271-4	CS-4	Total/NA	Solid	5035	
890-2271-5	CS-5	Total/NA	Solid	5035	
890-2271-6	CS-6	Total/NA	Solid	5035	
890-2271-7	CS-7	Total/NA	Solid	5035	
890-2271-8	CS-8	Total/NA	Solid	5035	
890-2271-9	CS-9	Total/NA	Solid	5035	
890-2271-10	CS-10	Total/NA	Solid	5035	
890-2271-11	CS-11	Total/NA	Solid	5035	
890-2271-12	CS-12	Total/NA	Solid	5035	
890-2271-13	CS-13	Total/NA	Solid	5035	
890-2271-14	CS-14	Total/NA	Solid	5035	
890-2271-15	CS-15	Total/NA	Solid	5035	
890-2271-16	CS-16	Total/NA	Solid	5035	
890-2271-17	CS-17	Total/NA	Solid	5035	
890-2271-18	CS-18	Total/NA	Solid	5035	
890-2271-19	CS-19	Total/NA	Solid	5035	
890-2271-20	CS-20	Total/NA	Solid	5035	
MB 880-24967/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24967/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24967/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2271-1 MS	CS-1	Total/NA	Solid	5035	
890-2271-1 MSD	CS-1	Total/NA	Solid	5035	

Prep Batch: 24968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-21	CS-21	Total/NA	Solid	5035	
890-2271-22	CS-22	Total/NA	Solid	5035	
890-2271-23	CS-23	Total/NA	Solid	5035	
890-2271-24	CS-24	Total/NA	Solid	5035	
890-2271-25	CS-25	Total/NA	Solid	5035	
890-2271-26	CS-26	Total/NA	Solid	5035	
890-2271-27	CS-27	Total/NA	Solid	5035	
890-2271-28	CS-28	Total/NA	Solid	5035	
890-2271-29	CS-29	Total/NA	Solid	5035	
890-2271-30	CS-30	Total/NA	Solid	5035	
890-2271-31	CS-31	Total/NA	Solid	5035	
890-2271-32	CS-32	Total/NA	Solid	5035	
890-2271-33	CS-33	Total/NA	Solid	5035	
890-2271-34	CS-34	Total/NA	Solid	5035	
890-2271-35	CS-35	Total/NA	Solid	5035	
890-2271-36	CS-36	Total/NA	Solid	5035	
890-2271-37	CS-37	Total/NA	Solid	5035	
890-2271-38	CS-38	Total/NA	Solid	5035	
890-2271-39	CS-39	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC VOA (Continued)

Prep Batch: 24968 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-40	CS-40	Total/NA	Solid	5035	
MB 880-24968/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 24969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-41	CS-41	Total/NA	Solid	5035	
890-2271-42	CS-42	Total/NA	Solid	5035	
890-2271-43	CS-43	Total/NA	Solid	5035	
890-2271-44	CS-44	Total/NA	Solid	5035	
890-2271-45	CS-45	Total/NA	Solid	5035	
890-2271-46	CS-46	Total/NA	Solid	5035	
890-2271-47	CS-47	Total/NA	Solid	5035	
890-2271-48	CS-48	Total/NA	Solid	5035	
890-2271-49	CS-49	Total/NA	Solid	5035	
890-2271-50	CS-50	Total/NA	Solid	5035	
MB 880-24969/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24969/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24969/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2271-41 MS	CS-41	Total/NA	Solid	5035	
890-2271-41 MSD	CS-41	Total/NA	Solid	5035	

Prep Batch: 24982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-61	SW-8	Total/NA	Solid	5035	
890-2271-62	SW-9	Total/NA	Solid	5035	
890-2271-63	SW-10	Total/NA	Solid	5035	
890-2271-64	SW-11	Total/NA	Solid	5035	
890-2271-65	SW-12	Total/NA	Solid	5035	
MB 880-24982/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24982/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24982/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2271-61 MS	SW-8	Total/NA	Solid	5035	
890-2271-61 MSD	SW-8	Total/NA	Solid	5035	

Analysis Batch: 25025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-61	SW-8	Total/NA	Solid	8021B	24982
890-2271-62	SW-9	Total/NA	Solid	8021B	24982
890-2271-63	SW-10	Total/NA	Solid	8021B	24982
890-2271-64	SW-11	Total/NA	Solid	8021B	24982
890-2271-65	SW-12	Total/NA	Solid	8021B	24982
MB 880-24878/5-A	Method Blank	Total/NA	Solid	8021B	24878
MB 880-24982/5-A	Method Blank	Total/NA	Solid	8021B	24982
LCS 880-24982/1-A	Lab Control Sample	Total/NA	Solid	8021B	24982
LCSD 880-24982/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24982
890-2271-61 MS	SW-8	Total/NA	Solid	8021B	24982
890-2271-61 MSD	SW-8	Total/NA	Solid	8021B	24982

Prep Batch: 25088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-25088/5-A	Method Blank	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC VOA (Continued)

Prep Batch: 25088 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-25088/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25088/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 25136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-1	CS-1	Total/NA	Solid	Total BTEX	
890-2271-2	CS-2	Total/NA	Solid	Total BTEX	
890-2271-3	CS-3	Total/NA	Solid	Total BTEX	
890-2271-4	CS-4	Total/NA	Solid	Total BTEX	
890-2271-5	CS-5	Total/NA	Solid	Total BTEX	
890-2271-6	CS-6	Total/NA	Solid	Total BTEX	
890-2271-7	CS-7	Total/NA	Solid	Total BTEX	
890-2271-8	CS-8	Total/NA	Solid	Total BTEX	
890-2271-9	CS-9	Total/NA	Solid	Total BTEX	
890-2271-10	CS-10	Total/NA	Solid	Total BTEX	
890-2271-11	CS-11	Total/NA	Solid	Total BTEX	
890-2271-12	CS-12	Total/NA	Solid	Total BTEX	
890-2271-13	CS-13	Total/NA	Solid	Total BTEX	
890-2271-14	CS-14	Total/NA	Solid	Total BTEX	
890-2271-15	CS-15	Total/NA	Solid	Total BTEX	
890-2271-16	CS-16	Total/NA	Solid	Total BTEX	
890-2271-17	CS-17	Total/NA	Solid	Total BTEX	
890-2271-18	CS-18	Total/NA	Solid	Total BTEX	
890-2271-19	CS-19	Total/NA	Solid	Total BTEX	
890-2271-20	CS-20	Total/NA	Solid	Total BTEX	
890-2271-21	CS-21	Total/NA	Solid	Total BTEX	
890-2271-22	CS-22	Total/NA	Solid	Total BTEX	
890-2271-23	CS-23	Total/NA	Solid	Total BTEX	
890-2271-24	CS-24	Total/NA	Solid	Total BTEX	
890-2271-25	CS-25	Total/NA	Solid	Total BTEX	
890-2271-26	CS-26	Total/NA	Solid	Total BTEX	
890-2271-27	CS-27	Total/NA	Solid	Total BTEX	
890-2271-28	CS-28	Total/NA	Solid	Total BTEX	
890-2271-29	CS-29	Total/NA	Solid	Total BTEX	
890-2271-30	CS-30	Total/NA	Solid	Total BTEX	
890-2271-31	CS-31	Total/NA	Solid	Total BTEX	
890-2271-32	CS-32	Total/NA	Solid	Total BTEX	
890-2271-33	CS-33	Total/NA	Solid	Total BTEX	
890-2271-34	CS-34	Total/NA	Solid	Total BTEX	
890-2271-35	CS-35	Total/NA	Solid	Total BTEX	
890-2271-36	CS-36	Total/NA	Solid	Total BTEX	
890-2271-37	CS-37	Total/NA	Solid	Total BTEX	
890-2271-38	CS-38	Total/NA	Solid	Total BTEX	
890-2271-39	CS-39	Total/NA	Solid	Total BTEX	
890-2271-40	CS-40	Total/NA	Solid	Total BTEX	
890-2271-41	CS-41	Total/NA	Solid	Total BTEX	
890-2271-42	CS-42	Total/NA	Solid	Total BTEX	
890-2271-43	CS-43	Total/NA	Solid	Total BTEX	
890-2271-44	CS-44	Total/NA	Solid	Total BTEX	
890-2271-45	CS-45	Total/NA	Solid	Total BTEX	
890-2271-46	CS-46	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC VOA (Continued)

Analysis Batch: 25136 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-47	CS-47	Total/NA	Solid	Total BTEX	
890-2271-48	CS-48	Total/NA	Solid	Total BTEX	
890-2271-49	CS-49	Total/NA	Solid	Total BTEX	
890-2271-50	CS-50	Total/NA	Solid	Total BTEX	
890-2271-51	CS-51	Total/NA	Solid	Total BTEX	
890-2271-52	CS-52	Total/NA	Solid	Total BTEX	
890-2271-53	CS-53	Total/NA	Solid	Total BTEX	
890-2271-54	SW-1	Total/NA	Solid	Total BTEX	
890-2271-55	SW-2	Total/NA	Solid	Total BTEX	
890-2271-56	SW-3	Total/NA	Solid	Total BTEX	
890-2271-57	SW-4	Total/NA	Solid	Total BTEX	
890-2271-58	SW-5	Total/NA	Solid	Total BTEX	
890-2271-59	SW-6	Total/NA	Solid	Total BTEX	
890-2271-60	SW-7	Total/NA	Solid	Total BTEX	
890-2271-61	SW-8	Total/NA	Solid	Total BTEX	
890-2271-62	SW-9	Total/NA	Solid	Total BTEX	
890-2271-63	SW-10	Total/NA	Solid	Total BTEX	
890-2271-64	SW-11	Total/NA	Solid	Total BTEX	
890-2271-65	SW-12	Total/NA	Solid	Total BTEX	

Analysis Batch: 25304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-21	CS-21	Total/NA	Solid	8021B	24968
890-2271-22	CS-22	Total/NA	Solid	8021B	24968
890-2271-23	CS-23	Total/NA	Solid	8021B	24968
890-2271-24	CS-24	Total/NA	Solid	8021B	24968
890-2271-25	CS-25	Total/NA	Solid	8021B	24968
890-2271-26	CS-26	Total/NA	Solid	8021B	24968
890-2271-27	CS-27	Total/NA	Solid	8021B	24968
890-2271-28	CS-28	Total/NA	Solid	8021B	24968
890-2271-29	CS-29	Total/NA	Solid	8021B	24968
890-2271-30	CS-30	Total/NA	Solid	8021B	24968
890-2271-31	CS-31	Total/NA	Solid	8021B	24968
890-2271-32	CS-32	Total/NA	Solid	8021B	24968
890-2271-33	CS-33	Total/NA	Solid	8021B	24968
890-2271-34	CS-34	Total/NA	Solid	8021B	24968
890-2271-35	CS-35	Total/NA	Solid	8021B	24968
890-2271-36	CS-36	Total/NA	Solid	8021B	24968
890-2271-37	CS-37	Total/NA	Solid	8021B	24968
890-2271-38	CS-38	Total/NA	Solid	8021B	24968
890-2271-39	CS-39	Total/NA	Solid	8021B	24968
890-2271-40	CS-40	Total/NA	Solid	8021B	24968
MB 880-24968/5-A	Method Blank	Total/NA	Solid	8021B	24968

Prep Batch: 25305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-25305/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 25306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-41	CS-41	Total/NA	Solid	8021B	24969

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC VOA (Continued)

Analysis Batch: 25306 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-42	CS-42	Total/NA	Solid	8021B	24969
890-2271-43	CS-43	Total/NA	Solid	8021B	24969
890-2271-44	CS-44	Total/NA	Solid	8021B	24969
890-2271-45	CS-45	Total/NA	Solid	8021B	24969
890-2271-46	CS-46	Total/NA	Solid	8021B	24969
890-2271-47	CS-47	Total/NA	Solid	8021B	24969
890-2271-48	CS-48	Total/NA	Solid	8021B	24969
890-2271-49	CS-49	Total/NA	Solid	8021B	24969
890-2271-50	CS-50	Total/NA	Solid	8021B	24969
MB 880-24969/5-A	Method Blank	Total/NA	Solid	8021B	24969
MB 880-25088/5-A	Method Blank	Total/NA	Solid	8021B	25088
LCS 880-24969/1-A	Lab Control Sample	Total/NA	Solid	8021B	24969
LCS 880-25088/1-A	Lab Control Sample	Total/NA	Solid	8021B	25088
LCSD 880-24969/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24969
LCSD 880-25088/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25088
890-2271-41 MS	CS-41	Total/NA	Solid	8021B	24969
890-2271-41 MSD	CS-41	Total/NA	Solid	8021B	24969

Analysis Batch: 25307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-1	CS-1	Total/NA	Solid	8021B	24967
890-2271-2	CS-2	Total/NA	Solid	8021B	24967
890-2271-3	CS-3	Total/NA	Solid	8021B	24967
890-2271-4	CS-4	Total/NA	Solid	8021B	24967
890-2271-5	CS-5	Total/NA	Solid	8021B	24967
890-2271-6	CS-6	Total/NA	Solid	8021B	24967
890-2271-7	CS-7	Total/NA	Solid	8021B	24967
890-2271-8	CS-8	Total/NA	Solid	8021B	24967
890-2271-9	CS-9	Total/NA	Solid	8021B	24967
890-2271-10	CS-10	Total/NA	Solid	8021B	24967
890-2271-11	CS-11	Total/NA	Solid	8021B	24967
890-2271-12	CS-12	Total/NA	Solid	8021B	24967
890-2271-13	CS-13	Total/NA	Solid	8021B	24967
890-2271-14	CS-14	Total/NA	Solid	8021B	24967
890-2271-15	CS-15	Total/NA	Solid	8021B	24967
890-2271-16	CS-16	Total/NA	Solid	8021B	24967
890-2271-17	CS-17	Total/NA	Solid	8021B	24967
890-2271-18	CS-18	Total/NA	Solid	8021B	24967
890-2271-19	CS-19	Total/NA	Solid	8021B	24967
890-2271-20	CS-20	Total/NA	Solid	8021B	24967
MB 880-24967/5-A	Method Blank	Total/NA	Solid	8021B	24967
MB 880-25305/5-A	Method Blank	Total/NA	Solid	8021B	25305
LCS 880-24967/1-A	Lab Control Sample	Total/NA	Solid	8021B	24967
LCSD 880-24967/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24967
890-2271-1 MS	CS-1	Total/NA	Solid	8021B	24967
890-2271-1 MSD	CS-1	Total/NA	Solid	8021B	24967

Prep Batch: 25410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-51	CS-51	Total/NA	Solid	5035	
890-2271-52	CS-52	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC VOA (Continued)

Prep Batch: 25410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-53	CS-53	Total/NA	Solid	5035	
890-2271-54	SW-1	Total/NA	Solid	5035	
890-2271-55	SW-2	Total/NA	Solid	5035	
890-2271-56	SW-3	Total/NA	Solid	5035	
890-2271-57	SW-4	Total/NA	Solid	5035	
890-2271-58	SW-5	Total/NA	Solid	5035	
890-2271-59	SW-6	Total/NA	Solid	5035	
890-2271-60	SW-7	Total/NA	Solid	5035	
MB 880-25410/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-25410/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-25410/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2271-51 MS	CS-51	Total/NA	Solid	5035	
890-2271-51 MSD	CS-51	Total/NA	Solid	5035	

Analysis Batch: 25413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-51	CS-51	Total/NA	Solid	8021B	25410
890-2271-52	CS-52	Total/NA	Solid	8021B	25410
890-2271-53	CS-53	Total/NA	Solid	8021B	25410
890-2271-54	SW-1	Total/NA	Solid	8021B	25410
890-2271-55	SW-2	Total/NA	Solid	8021B	25410
890-2271-56	SW-3	Total/NA	Solid	8021B	25410
890-2271-57	SW-4	Total/NA	Solid	8021B	25410
890-2271-58	SW-5	Total/NA	Solid	8021B	25410
890-2271-59	SW-6	Total/NA	Solid	8021B	25410
890-2271-60	SW-7	Total/NA	Solid	8021B	25410
MB 880-25410/5-A	Method Blank	Total/NA	Solid	8021B	25410
LCS 880-25410/1-A	Lab Control Sample	Total/NA	Solid	8021B	25410
LCSD 880-25410/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	25410
890-2271-51 MS	CS-51	Total/NA	Solid	8021B	25410
890-2271-51 MSD	CS-51	Total/NA	Solid	8021B	25410

GC Semi VOA

Prep Batch: 24900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-1	CS-1	Total/NA	Solid	8015NM Prep	
890-2271-2	CS-2	Total/NA	Solid	8015NM Prep	
890-2271-3	CS-3	Total/NA	Solid	8015NM Prep	
890-2271-4	CS-4	Total/NA	Solid	8015NM Prep	
890-2271-5	CS-5	Total/NA	Solid	8015NM Prep	
890-2271-6	CS-6	Total/NA	Solid	8015NM Prep	
890-2271-7	CS-7	Total/NA	Solid	8015NM Prep	
890-2271-8	CS-8	Total/NA	Solid	8015NM Prep	
890-2271-9	CS-9	Total/NA	Solid	8015NM Prep	
890-2271-10	CS-10	Total/NA	Solid	8015NM Prep	
890-2271-11	CS-11	Total/NA	Solid	8015NM Prep	
890-2271-12	CS-12	Total/NA	Solid	8015NM Prep	
890-2271-13	CS-13	Total/NA	Solid	8015NM Prep	
890-2271-14	CS-14	Total/NA	Solid	8015NM Prep	
890-2271-15	CS-15	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC Semi VOA (Continued)

Prep Batch: 24900 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-16	CS-16	Total/NA	Solid	8015NM Prep	
890-2271-17	CS-17	Total/NA	Solid	8015NM Prep	
890-2271-18	CS-18	Total/NA	Solid	8015NM Prep	
890-2271-19	CS-19	Total/NA	Solid	8015NM Prep	
890-2271-20	CS-20	Total/NA	Solid	8015NM Prep	
MB 880-24900/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-24900/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24900/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2271-1 MS	CS-1	Total/NA	Solid	8015NM Prep	
890-2271-1 MSD	CS-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 24901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-21	CS-21	Total/NA	Solid	8015NM Prep	
890-2271-22	CS-22	Total/NA	Solid	8015NM Prep	
890-2271-23	CS-23	Total/NA	Solid	8015NM Prep	
890-2271-24	CS-24	Total/NA	Solid	8015NM Prep	
890-2271-25	CS-25	Total/NA	Solid	8015NM Prep	
890-2271-26	CS-26	Total/NA	Solid	8015NM Prep	
890-2271-27	CS-27	Total/NA	Solid	8015NM Prep	
890-2271-28	CS-28	Total/NA	Solid	8015NM Prep	
890-2271-29	CS-29	Total/NA	Solid	8015NM Prep	
890-2271-30	CS-30	Total/NA	Solid	8015NM Prep	
890-2271-31	CS-31	Total/NA	Solid	8015NM Prep	
890-2271-32	CS-32	Total/NA	Solid	8015NM Prep	
890-2271-33	CS-33	Total/NA	Solid	8015NM Prep	
890-2271-34	CS-34	Total/NA	Solid	8015NM Prep	
890-2271-35	CS-35	Total/NA	Solid	8015NM Prep	
890-2271-36	CS-36	Total/NA	Solid	8015NM Prep	
890-2271-37	CS-37	Total/NA	Solid	8015NM Prep	
890-2271-38	CS-38	Total/NA	Solid	8015NM Prep	
890-2271-39	CS-39	Total/NA	Solid	8015NM Prep	
890-2271-40	CS-40	Total/NA	Solid	8015NM Prep	
MB 880-24901/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-24901/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24901/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2271-21 MS	CS-21	Total/NA	Solid	8015NM Prep	
890-2271-21 MSD	CS-21	Total/NA	Solid	8015NM Prep	

Prep Batch: 24910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-41	CS-41	Total/NA	Solid	8015NM Prep	
890-2271-42	CS-42	Total/NA	Solid	8015NM Prep	
890-2271-43	CS-43	Total/NA	Solid	8015NM Prep	
890-2271-44	CS-44	Total/NA	Solid	8015NM Prep	
890-2271-45	CS-45	Total/NA	Solid	8015NM Prep	
890-2271-46	CS-46	Total/NA	Solid	8015NM Prep	
890-2271-47	CS-47	Total/NA	Solid	8015NM Prep	
890-2271-48	CS-48	Total/NA	Solid	8015NM Prep	
890-2271-49	CS-49	Total/NA	Solid	8015NM Prep	
890-2271-50	CS-50	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC Semi VOA (Continued)

Prep Batch: 24910 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-51	CS-51	Total/NA	Solid	8015NM Prep	
890-2271-52	CS-52	Total/NA	Solid	8015NM Prep	
890-2271-53	CS-53	Total/NA	Solid	8015NM Prep	
890-2271-54	SW-1	Total/NA	Solid	8015NM Prep	
890-2271-55	SW-2	Total/NA	Solid	8015NM Prep	
890-2271-56	SW-3	Total/NA	Solid	8015NM Prep	
890-2271-57	SW-4	Total/NA	Solid	8015NM Prep	
890-2271-58	SW-5	Total/NA	Solid	8015NM Prep	
890-2271-59	SW-6	Total/NA	Solid	8015NM Prep	
890-2271-60	SW-7	Total/NA	Solid	8015NM Prep	
MB 880-24910/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-24910/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24910/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2271-41 MS	CS-41	Total/NA	Solid	8015NM Prep	
890-2271-41 MSD	CS-41	Total/NA	Solid	8015NM Prep	

Prep Batch: 24911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-61	SW-8	Total/NA	Solid	8015NM Prep	
890-2271-62	SW-9	Total/NA	Solid	8015NM Prep	
890-2271-63	SW-10	Total/NA	Solid	8015NM Prep	
890-2271-64	SW-11	Total/NA	Solid	8015NM Prep	
890-2271-65	SW-12	Total/NA	Solid	8015NM Prep	
MB 880-24911/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-24911/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24911/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2271-61 MS	SW-8	Total/NA	Solid	8015NM Prep	
890-2271-61 MSD	SW-8	Total/NA	Solid	8015NM Prep	

Analysis Batch: 24947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-41	CS-41	Total/NA	Solid	8015B NM	24910
890-2271-42	CS-42	Total/NA	Solid	8015B NM	24910
890-2271-43	CS-43	Total/NA	Solid	8015B NM	24910
890-2271-44	CS-44	Total/NA	Solid	8015B NM	24910
890-2271-45	CS-45	Total/NA	Solid	8015B NM	24910
890-2271-46	CS-46	Total/NA	Solid	8015B NM	24910
890-2271-47	CS-47	Total/NA	Solid	8015B NM	24910
890-2271-48	CS-48	Total/NA	Solid	8015B NM	24910
890-2271-49	CS-49	Total/NA	Solid	8015B NM	24910
890-2271-50	CS-50	Total/NA	Solid	8015B NM	24910
890-2271-51	CS-51	Total/NA	Solid	8015B NM	24910
890-2271-52	CS-52	Total/NA	Solid	8015B NM	24910
890-2271-53	CS-53	Total/NA	Solid	8015B NM	24910
890-2271-54	SW-1	Total/NA	Solid	8015B NM	24910
890-2271-55	SW-2	Total/NA	Solid	8015B NM	24910
890-2271-56	SW-3	Total/NA	Solid	8015B NM	24910
890-2271-57	SW-4	Total/NA	Solid	8015B NM	24910
890-2271-58	SW-5	Total/NA	Solid	8015B NM	24910
890-2271-59	SW-6	Total/NA	Solid	8015B NM	24910
890-2271-60	SW-7	Total/NA	Solid	8015B NM	24910

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC Semi VOA (Continued)

Analysis Batch: 24947 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-61	SW-8	Total/NA	Solid	8015B NM	24911
890-2271-62	SW-9	Total/NA	Solid	8015B NM	24911
890-2271-63	SW-10	Total/NA	Solid	8015B NM	24911
890-2271-64	SW-11	Total/NA	Solid	8015B NM	24911
890-2271-65	SW-12	Total/NA	Solid	8015B NM	24911
MB 880-24910/1-A	Method Blank	Total/NA	Solid	8015B NM	24910
MB 880-24911/1-A	Method Blank	Total/NA	Solid	8015B NM	24911
LCS 880-24910/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24910
LCS 880-24911/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24911
LCSD 880-24910/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24910
LCSD 880-24911/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24911
890-2271-41 MS	CS-41	Total/NA	Solid	8015B NM	24910
890-2271-41 MSD	CS-41	Total/NA	Solid	8015B NM	24910
890-2271-61 MS	SW-8	Total/NA	Solid	8015B NM	24911
890-2271-61 MSD	SW-8	Total/NA	Solid	8015B NM	24911

Analysis Batch: 24951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-1	CS-1	Total/NA	Solid	8015B NM	24900
890-2271-2	CS-2	Total/NA	Solid	8015B NM	24900
890-2271-3	CS-3	Total/NA	Solid	8015B NM	24900
890-2271-4	CS-4	Total/NA	Solid	8015B NM	24900
890-2271-5	CS-5	Total/NA	Solid	8015B NM	24900
890-2271-6	CS-6	Total/NA	Solid	8015B NM	24900
890-2271-7	CS-7	Total/NA	Solid	8015B NM	24900
890-2271-8	CS-8	Total/NA	Solid	8015B NM	24900
890-2271-9	CS-9	Total/NA	Solid	8015B NM	24900
890-2271-10	CS-10	Total/NA	Solid	8015B NM	24900
890-2271-11	CS-11	Total/NA	Solid	8015B NM	24900
890-2271-12	CS-12	Total/NA	Solid	8015B NM	24900
890-2271-13	CS-13	Total/NA	Solid	8015B NM	24900
890-2271-14	CS-14	Total/NA	Solid	8015B NM	24900
890-2271-15	CS-15	Total/NA	Solid	8015B NM	24900
890-2271-16	CS-16	Total/NA	Solid	8015B NM	24900
890-2271-17	CS-17	Total/NA	Solid	8015B NM	24900
890-2271-18	CS-18	Total/NA	Solid	8015B NM	24900
890-2271-19	CS-19	Total/NA	Solid	8015B NM	24900
890-2271-20	CS-20	Total/NA	Solid	8015B NM	24900
MB 880-24900/1-A	Method Blank	Total/NA	Solid	8015B NM	24900
LCS 880-24900/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24900
LCSD 880-24900/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24900
890-2271-1 MS	CS-1	Total/NA	Solid	8015B NM	24900
890-2271-1 MSD	CS-1	Total/NA	Solid	8015B NM	24900

Analysis Batch: 24953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-21	CS-21	Total/NA	Solid	8015B NM	24901
890-2271-22	CS-22	Total/NA	Solid	8015B NM	24901
890-2271-23	CS-23	Total/NA	Solid	8015B NM	24901
890-2271-24	CS-24	Total/NA	Solid	8015B NM	24901
890-2271-25	CS-25	Total/NA	Solid	8015B NM	24901

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC Semi VOA (Continued)

Analysis Batch: 24953 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-26	CS-26	Total/NA	Solid	8015B NM	24901
890-2271-27	CS-27	Total/NA	Solid	8015B NM	24901
890-2271-28	CS-28	Total/NA	Solid	8015B NM	24901
890-2271-29	CS-29	Total/NA	Solid	8015B NM	24901
890-2271-30	CS-30	Total/NA	Solid	8015B NM	24901
890-2271-31	CS-31	Total/NA	Solid	8015B NM	24901
890-2271-32	CS-32	Total/NA	Solid	8015B NM	24901
890-2271-33	CS-33	Total/NA	Solid	8015B NM	24901
890-2271-34	CS-34	Total/NA	Solid	8015B NM	24901
890-2271-35	CS-35	Total/NA	Solid	8015B NM	24901
890-2271-36	CS-36	Total/NA	Solid	8015B NM	24901
890-2271-37	CS-37	Total/NA	Solid	8015B NM	24901
890-2271-38	CS-38	Total/NA	Solid	8015B NM	24901
890-2271-39	CS-39	Total/NA	Solid	8015B NM	24901
890-2271-40	CS-40	Total/NA	Solid	8015B NM	24901
MB 880-24901/1-A	Method Blank	Total/NA	Solid	8015B NM	24901
LCS 880-24901/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24901
LCSD 880-24901/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24901
890-2271-21 MS	CS-21	Total/NA	Solid	8015B NM	24901
890-2271-21 MSD	CS-21	Total/NA	Solid	8015B NM	24901

Analysis Batch: 25089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-1	CS-1	Total/NA	Solid	8015 NM	
890-2271-2	CS-2	Total/NA	Solid	8015 NM	
890-2271-3	CS-3	Total/NA	Solid	8015 NM	
890-2271-4	CS-4	Total/NA	Solid	8015 NM	
890-2271-5	CS-5	Total/NA	Solid	8015 NM	
890-2271-6	CS-6	Total/NA	Solid	8015 NM	
890-2271-7	CS-7	Total/NA	Solid	8015 NM	
890-2271-8	CS-8	Total/NA	Solid	8015 NM	
890-2271-9	CS-9	Total/NA	Solid	8015 NM	
890-2271-10	CS-10	Total/NA	Solid	8015 NM	
890-2271-11	CS-11	Total/NA	Solid	8015 NM	
890-2271-12	CS-12	Total/NA	Solid	8015 NM	
890-2271-13	CS-13	Total/NA	Solid	8015 NM	
890-2271-14	CS-14	Total/NA	Solid	8015 NM	
890-2271-15	CS-15	Total/NA	Solid	8015 NM	
890-2271-16	CS-16	Total/NA	Solid	8015 NM	
890-2271-17	CS-17	Total/NA	Solid	8015 NM	
890-2271-18	CS-18	Total/NA	Solid	8015 NM	
890-2271-19	CS-19	Total/NA	Solid	8015 NM	
890-2271-20	CS-20	Total/NA	Solid	8015 NM	
890-2271-21	CS-21	Total/NA	Solid	8015 NM	
890-2271-22	CS-22	Total/NA	Solid	8015 NM	
890-2271-23	CS-23	Total/NA	Solid	8015 NM	
890-2271-24	CS-24	Total/NA	Solid	8015 NM	
890-2271-25	CS-25	Total/NA	Solid	8015 NM	
890-2271-26	CS-26	Total/NA	Solid	8015 NM	
890-2271-27	CS-27	Total/NA	Solid	8015 NM	
890-2271-28	CS-28	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

GC Semi VOA (Continued)

Analysis Batch: 25089 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-29	CS-29	Total/NA	Solid	8015 NM	
890-2271-30	CS-30	Total/NA	Solid	8015 NM	
890-2271-31	CS-31	Total/NA	Solid	8015 NM	
890-2271-32	CS-32	Total/NA	Solid	8015 NM	
890-2271-33	CS-33	Total/NA	Solid	8015 NM	
890-2271-34	CS-34	Total/NA	Solid	8015 NM	
890-2271-35	CS-35	Total/NA	Solid	8015 NM	
890-2271-36	CS-36	Total/NA	Solid	8015 NM	
890-2271-37	CS-37	Total/NA	Solid	8015 NM	
890-2271-38	CS-38	Total/NA	Solid	8015 NM	
890-2271-39	CS-39	Total/NA	Solid	8015 NM	
890-2271-40	CS-40	Total/NA	Solid	8015 NM	
890-2271-41	CS-41	Total/NA	Solid	8015 NM	
890-2271-42	CS-42	Total/NA	Solid	8015 NM	
890-2271-43	CS-43	Total/NA	Solid	8015 NM	
890-2271-44	CS-44	Total/NA	Solid	8015 NM	
890-2271-45	CS-45	Total/NA	Solid	8015 NM	
890-2271-46	CS-46	Total/NA	Solid	8015 NM	
890-2271-47	CS-47	Total/NA	Solid	8015 NM	
890-2271-48	CS-48	Total/NA	Solid	8015 NM	
890-2271-49	CS-49	Total/NA	Solid	8015 NM	
890-2271-50	CS-50	Total/NA	Solid	8015 NM	
890-2271-51	CS-51	Total/NA	Solid	8015 NM	
890-2271-52	CS-52	Total/NA	Solid	8015 NM	
890-2271-53	CS-53	Total/NA	Solid	8015 NM	
890-2271-54	SW-1	Total/NA	Solid	8015 NM	
890-2271-55	SW-2	Total/NA	Solid	8015 NM	
890-2271-56	SW-3	Total/NA	Solid	8015 NM	
890-2271-57	SW-4	Total/NA	Solid	8015 NM	
890-2271-58	SW-5	Total/NA	Solid	8015 NM	
890-2271-59	SW-6	Total/NA	Solid	8015 NM	
890-2271-60	SW-7	Total/NA	Solid	8015 NM	
890-2271-61	SW-8	Total/NA	Solid	8015 NM	
890-2271-62	SW-9	Total/NA	Solid	8015 NM	
890-2271-63	SW-10	Total/NA	Solid	8015 NM	
890-2271-64	SW-11	Total/NA	Solid	8015 NM	
890-2271-65	SW-12	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 24898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-1	CS-1	Soluble	Solid	DI Leach	
890-2271-2	CS-2	Soluble	Solid	DI Leach	
890-2271-3	CS-3	Soluble	Solid	DI Leach	
890-2271-4	CS-4	Soluble	Solid	DI Leach	
890-2271-5	CS-5	Soluble	Solid	DI Leach	
890-2271-6	CS-6	Soluble	Solid	DI Leach	
890-2271-7	CS-7	Soluble	Solid	DI Leach	
890-2271-8	CS-8	Soluble	Solid	DI Leach	
890-2271-9	CS-9	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

HPLC/IC (Continued)

Leach Batch: 24898 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-10	CS-10	Soluble	Solid	DI Leach	
MB 880-24898/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24898/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24898/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2271-1 MS	CS-1	Soluble	Solid	DI Leach	
890-2271-1 MSD	CS-1	Soluble	Solid	DI Leach	

Leach Batch: 24899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-11	CS-11	Soluble	Solid	DI Leach	
890-2271-12	CS-12	Soluble	Solid	DI Leach	
890-2271-13	CS-13	Soluble	Solid	DI Leach	
890-2271-14	CS-14	Soluble	Solid	DI Leach	
890-2271-15	CS-15	Soluble	Solid	DI Leach	
890-2271-16	CS-16	Soluble	Solid	DI Leach	
890-2271-17	CS-17	Soluble	Solid	DI Leach	
890-2271-18	CS-18	Soluble	Solid	DI Leach	
890-2271-19	CS-19	Soluble	Solid	DI Leach	
890-2271-20	CS-20	Soluble	Solid	DI Leach	
890-2271-21	CS-21	Soluble	Solid	DI Leach	
890-2271-22	CS-22	Soluble	Solid	DI Leach	
890-2271-23	CS-23	Soluble	Solid	DI Leach	
890-2271-24	CS-24	Soluble	Solid	DI Leach	
890-2271-25	CS-25	Soluble	Solid	DI Leach	
890-2271-26	CS-26	Soluble	Solid	DI Leach	
890-2271-27	CS-27	Soluble	Solid	DI Leach	
890-2271-28	CS-28	Soluble	Solid	DI Leach	
890-2271-29	CS-29	Soluble	Solid	DI Leach	
890-2271-30	CS-30	Soluble	Solid	DI Leach	
MB 880-24899/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24899/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24899/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2271-11 MS	CS-11	Soluble	Solid	DI Leach	
890-2271-11 MSD	CS-11	Soluble	Solid	DI Leach	
890-2271-21 MS	CS-21	Soluble	Solid	DI Leach	
890-2271-21 MSD	CS-21	Soluble	Solid	DI Leach	

Leach Batch: 24902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-31	CS-31	Soluble	Solid	DI Leach	
890-2271-32	CS-32	Soluble	Solid	DI Leach	
890-2271-33	CS-33	Soluble	Solid	DI Leach	
890-2271-34	CS-34	Soluble	Solid	DI Leach	
890-2271-35	CS-35	Soluble	Solid	DI Leach	
890-2271-36	CS-36	Soluble	Solid	DI Leach	
890-2271-37	CS-37	Soluble	Solid	DI Leach	
890-2271-38	CS-38	Soluble	Solid	DI Leach	
890-2271-39	CS-39	Soluble	Solid	DI Leach	
890-2271-40	CS-40	Soluble	Solid	DI Leach	
890-2271-41	CS-41	Soluble	Solid	DI Leach	
890-2271-42	CS-42	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

HPLC/IC (Continued)

Leach Batch: 24902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-43	CS-43	Soluble	Solid	DI Leach	
890-2271-44	CS-44	Soluble	Solid	DI Leach	
890-2271-45	CS-45	Soluble	Solid	DI Leach	
890-2271-46	CS-46	Soluble	Solid	DI Leach	
890-2271-47	CS-47	Soluble	Solid	DI Leach	
890-2271-48	CS-48	Soluble	Solid	DI Leach	
890-2271-49	CS-49	Soluble	Solid	DI Leach	
890-2271-50	CS-50	Soluble	Solid	DI Leach	
MB 880-24902/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24902/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24902/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2271-31 MS	CS-31	Soluble	Solid	DI Leach	
890-2271-31 MSD	CS-31	Soluble	Solid	DI Leach	
890-2271-41 MS	CS-41	Soluble	Solid	DI Leach	
890-2271-41 MSD	CS-41	Soluble	Solid	DI Leach	

Leach Batch: 24903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-51	CS-51	Soluble	Solid	DI Leach	
890-2271-52	CS-52	Soluble	Solid	DI Leach	
890-2271-53	CS-53	Soluble	Solid	DI Leach	
890-2271-54	SW-1	Soluble	Solid	DI Leach	
890-2271-55	SW-2	Soluble	Solid	DI Leach	
890-2271-56	SW-3	Soluble	Solid	DI Leach	
890-2271-57	SW-4	Soluble	Solid	DI Leach	
890-2271-58	SW-5	Soluble	Solid	DI Leach	
890-2271-59	SW-6	Soluble	Solid	DI Leach	
890-2271-60	SW-7	Soluble	Solid	DI Leach	
890-2271-61	SW-8	Soluble	Solid	DI Leach	
890-2271-62	SW-9	Soluble	Solid	DI Leach	
890-2271-63	SW-10	Soluble	Solid	DI Leach	
890-2271-64	SW-11	Soluble	Solid	DI Leach	
890-2271-65	SW-12	Soluble	Solid	DI Leach	
MB 880-24903/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24903/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24903/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2271-51 MS	CS-51	Soluble	Solid	DI Leach	
890-2271-51 MSD	CS-51	Soluble	Solid	DI Leach	
890-2271-61 MS	SW-8	Soluble	Solid	DI Leach	
890-2271-61 MSD	SW-8	Soluble	Solid	DI Leach	

Analysis Batch: 24940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-1	CS-1	Soluble	Solid	300.0	24898
890-2271-2	CS-2	Soluble	Solid	300.0	24898
890-2271-3	CS-3	Soluble	Solid	300.0	24898
890-2271-4	CS-4	Soluble	Solid	300.0	24898
890-2271-5	CS-5	Soluble	Solid	300.0	24898
890-2271-6	CS-6	Soluble	Solid	300.0	24898
890-2271-7	CS-7	Soluble	Solid	300.0	24898
890-2271-8	CS-8	Soluble	Solid	300.0	24898

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

HPLC/IC (Continued)

Analysis Batch: 24940 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-9	CS-9	Soluble	Solid	300.0	24898
890-2271-10	CS-10	Soluble	Solid	300.0	24898
MB 880-24898/1-A	Method Blank	Soluble	Solid	300.0	24898
LCS 880-24898/2-A	Lab Control Sample	Soluble	Solid	300.0	24898
LCSD 880-24898/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24898
890-2271-1 MS	CS-1	Soluble	Solid	300.0	24898
890-2271-1 MSD	CS-1	Soluble	Solid	300.0	24898

Analysis Batch: 24941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-11	CS-11	Soluble	Solid	300.0	24899
890-2271-12	CS-12	Soluble	Solid	300.0	24899
890-2271-13	CS-13	Soluble	Solid	300.0	24899
890-2271-14	CS-14	Soluble	Solid	300.0	24899
890-2271-15	CS-15	Soluble	Solid	300.0	24899
890-2271-16	CS-16	Soluble	Solid	300.0	24899
890-2271-17	CS-17	Soluble	Solid	300.0	24899
890-2271-18	CS-18	Soluble	Solid	300.0	24899
890-2271-19	CS-19	Soluble	Solid	300.0	24899
890-2271-20	CS-20	Soluble	Solid	300.0	24899
890-2271-21	CS-21	Soluble	Solid	300.0	24899
890-2271-22	CS-22	Soluble	Solid	300.0	24899
890-2271-23	CS-23	Soluble	Solid	300.0	24899
890-2271-24	CS-24	Soluble	Solid	300.0	24899
890-2271-25	CS-25	Soluble	Solid	300.0	24899
890-2271-26	CS-26	Soluble	Solid	300.0	24899
890-2271-27	CS-27	Soluble	Solid	300.0	24899
890-2271-28	CS-28	Soluble	Solid	300.0	24899
890-2271-29	CS-29	Soluble	Solid	300.0	24899
890-2271-30	CS-30	Soluble	Solid	300.0	24899
MB 880-24899/1-A	Method Blank	Soluble	Solid	300.0	24899
LCS 880-24899/2-A	Lab Control Sample	Soluble	Solid	300.0	24899
LCSD 880-24899/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24899
890-2271-11 MS	CS-11	Soluble	Solid	300.0	24899
890-2271-11 MSD	CS-11	Soluble	Solid	300.0	24899
890-2271-21 MS	CS-21	Soluble	Solid	300.0	24899
890-2271-21 MSD	CS-21	Soluble	Solid	300.0	24899

Analysis Batch: 24944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-31	CS-31	Soluble	Solid	300.0	24902
890-2271-32	CS-32	Soluble	Solid	300.0	24902
890-2271-33	CS-33	Soluble	Solid	300.0	24902
890-2271-34	CS-34	Soluble	Solid	300.0	24902
890-2271-35	CS-35	Soluble	Solid	300.0	24902
890-2271-36	CS-36	Soluble	Solid	300.0	24902
890-2271-37	CS-37	Soluble	Solid	300.0	24902
890-2271-38	CS-38	Soluble	Solid	300.0	24902
890-2271-39	CS-39	Soluble	Solid	300.0	24902
890-2271-40	CS-40	Soluble	Solid	300.0	24902
890-2271-41	CS-41	Soluble	Solid	300.0	24902

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

HPLC/IC (Continued)

Analysis Batch: 24944 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-42	CS-42	Soluble	Solid	300.0	24902
890-2271-43	CS-43	Soluble	Solid	300.0	24902
890-2271-44	CS-44	Soluble	Solid	300.0	24902
890-2271-45	CS-45	Soluble	Solid	300.0	24902
890-2271-46	CS-46	Soluble	Solid	300.0	24902
890-2271-47	CS-47	Soluble	Solid	300.0	24902
890-2271-48	CS-48	Soluble	Solid	300.0	24902
890-2271-49	CS-49	Soluble	Solid	300.0	24902
890-2271-50	CS-50	Soluble	Solid	300.0	24902
MB 880-24902/1-A	Method Blank	Soluble	Solid	300.0	24902
LCS 880-24902/2-A	Lab Control Sample	Soluble	Solid	300.0	24902
LCSD 880-24902/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24902
890-2271-31 MS	CS-31	Soluble	Solid	300.0	24902
890-2271-31 MSD	CS-31	Soluble	Solid	300.0	24902
890-2271-41 MS	CS-41	Soluble	Solid	300.0	24902
890-2271-41 MSD	CS-41	Soluble	Solid	300.0	24902

Analysis Batch: 25042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2271-51	CS-51	Soluble	Solid	300.0	24903
890-2271-52	CS-52	Soluble	Solid	300.0	24903
890-2271-53	CS-53	Soluble	Solid	300.0	24903
890-2271-54	SW-1	Soluble	Solid	300.0	24903
890-2271-55	SW-2	Soluble	Solid	300.0	24903
890-2271-56	SW-3	Soluble	Solid	300.0	24903
890-2271-57	SW-4	Soluble	Solid	300.0	24903
890-2271-58	SW-5	Soluble	Solid	300.0	24903
890-2271-59	SW-6	Soluble	Solid	300.0	24903
890-2271-60	SW-7	Soluble	Solid	300.0	24903
890-2271-61	SW-8	Soluble	Solid	300.0	24903
890-2271-62	SW-9	Soluble	Solid	300.0	24903
890-2271-63	SW-10	Soluble	Solid	300.0	24903
890-2271-64	SW-11	Soluble	Solid	300.0	24903
890-2271-65	SW-12	Soluble	Solid	300.0	24903
MB 880-24903/1-A	Method Blank	Soluble	Solid	300.0	24903
LCS 880-24903/2-A	Lab Control Sample	Soluble	Solid	300.0	24903
LCSD 880-24903/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24903
890-2271-51 MS	CS-51	Soluble	Solid	300.0	24903
890-2271-51 MSD	CS-51	Soluble	Solid	300.0	24903
890-2271-61 MS	SW-8	Soluble	Solid	300.0	24903
890-2271-61 MSD	SW-8	Soluble	Solid	300.0	24903

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-1

Lab Sample ID: 890-2271-1

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/11/22 22:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 11:47	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24898	05/05/22 13:09	SC	XEN MID
Soluble	Analysis	300.0		1			24940	05/06/22 17:31	SC	XEN MID

Client Sample ID: CS-2

Lab Sample ID: 890-2271-2

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/11/22 23:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 12:52	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24898	05/05/22 13:09	SC	XEN MID
Soluble	Analysis	300.0		1			24940	05/06/22 17:50	SC	XEN MID

Client Sample ID: CS-3

Lab Sample ID: 890-2271-3

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/11/22 23:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 13:13	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24898	05/05/22 13:09	SC	XEN MID
Soluble	Analysis	300.0		1			24940	05/06/22 17:56	SC	XEN MID

Client Sample ID: CS-4

Lab Sample ID: 890-2271-4

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/11/22 23:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-4

Lab Sample ID: 890-2271-4

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 13:35	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24898	05/05/22 13:09	SC	XEN MID
Soluble	Analysis	300.0		1			24940	05/06/22 18:31	SC	XEN MID

Client Sample ID: CS-5

Lab Sample ID: 890-2271-5

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 00:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 13:56	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	24898	05/05/22 13:09	SC	XEN MID
Soluble	Analysis	300.0		1			24940	05/06/22 18:37	SC	XEN MID

Client Sample ID: CS-6

Lab Sample ID: 890-2271-6

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 00:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 14:18	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24898	05/05/22 13:09	SC	XEN MID
Soluble	Analysis	300.0		1			24940	05/06/22 18:56	SC	XEN MID

Client Sample ID: CS-7

Lab Sample ID: 890-2271-7

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 00:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 14:40	SM	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-7

Lab Sample ID: 890-2271-7

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24898	05/05/22 13:09	SC	XEN MID
Soluble	Analysis	300.0		1			24940	05/06/22 19:02	SC	XEN MID

Client Sample ID: CS-8

Lab Sample ID: 890-2271-8

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 01:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 15:02	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	24898	05/05/22 13:09	SC	XEN MID
Soluble	Analysis	300.0		1			24940	05/06/22 19:09	SC	XEN MID

Client Sample ID: CS-9

Lab Sample ID: 890-2271-9

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 01:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 15:23	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24898	05/05/22 13:09	SC	XEN MID
Soluble	Analysis	300.0		1			24940	05/06/22 19:15	SC	XEN MID

Client Sample ID: CS-10

Lab Sample ID: 890-2271-10

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 01:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 15:45	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	24898	05/05/22 13:09	SC	XEN MID
Soluble	Analysis	300.0		1			24940	05/06/22 19:21	SC	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-11

Lab Sample ID: 890-2271-11

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 03:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 16:50	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 13:30	CH	XEN MID

Client Sample ID: CS-12

Lab Sample ID: 890-2271-12

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 03:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 17:11	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 13:49	CH	XEN MID

Client Sample ID: CS-13

Lab Sample ID: 890-2271-13

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 03:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 17:33	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 13:56	CH	XEN MID

Client Sample ID: CS-14

Lab Sample ID: 890-2271-14

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 04:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-14

Lab Sample ID: 890-2271-14

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 17:55	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 14:02	CH	XEN MID

Client Sample ID: CS-15

Lab Sample ID: 890-2271-15

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 04:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 18:16	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 14:08	CH	XEN MID

Client Sample ID: CS-16

Lab Sample ID: 890-2271-16

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 04:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 18:38	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 14:27	CH	XEN MID

Client Sample ID: CS-17

Lab Sample ID: 890-2271-17

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 05:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 19:00	SM	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-17**Lab Sample ID: 890-2271-17****Date Collected: 05/02/22 00:00****Matrix: Solid****Date Received: 05/03/22 14:04**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 14:33	CH	XEN MID

Client Sample ID: CS-18**Lab Sample ID: 890-2271-18****Date Collected: 05/02/22 00:00****Matrix: Solid****Date Received: 05/03/22 14:04**

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 05:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 19:21	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 14:40	CH	XEN MID

Client Sample ID: CS-19**Lab Sample ID: 890-2271-19****Date Collected: 05/02/22 00:00****Matrix: Solid****Date Received: 05/03/22 14:04**

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 05:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 19:43	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 14:46	CH	XEN MID

Client Sample ID: CS-20**Lab Sample ID: 890-2271-20****Date Collected: 05/02/22 00:00****Matrix: Solid****Date Received: 05/03/22 14:04**

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	24967	05/06/22 11:34	MR	XEN MID
Total/NA	Analysis	8021B		1			25307	05/12/22 06:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24900	05/05/22 13:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24951	05/06/22 20:05	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 14:52	CH	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-21

Lab Sample ID: 890-2271-21

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 03:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 11:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 14:59	CH	XEN MID

Client Sample ID: CS-22

Lab Sample ID: 890-2271-22

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 04:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 12:52	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 15:18	CH	XEN MID

Client Sample ID: CS-23

Lab Sample ID: 890-2271-23

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 04:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 13:13	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 15:24	CH	XEN MID

Client Sample ID: CS-24

Lab Sample ID: 890-2271-24

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 04:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-24

Lab Sample ID: 890-2271-24

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 13:35	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 15:43	CH	XEN MID

Client Sample ID: CS-25

Lab Sample ID: 890-2271-25

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 05:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 13:56	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 15:49	CH	XEN MID

Client Sample ID: CS-26

Lab Sample ID: 890-2271-26

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 05:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 14:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 15:56	CH	XEN MID

Client Sample ID: CS-27

Lab Sample ID: 890-2271-27

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 05:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 14:40	AJ	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-27**Lab Sample ID: 890-2271-27****Date Collected: 05/02/22 00:00****Matrix: Solid****Date Received: 05/03/22 14:04**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 16:02	CH	XEN MID

Client Sample ID: CS-28**Lab Sample ID: 890-2271-28****Date Collected: 05/02/22 00:00****Matrix: Solid****Date Received: 05/03/22 14:04**

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 06:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 15:02	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 16:08	CH	XEN MID

Client Sample ID: CS-29**Lab Sample ID: 890-2271-29****Date Collected: 05/02/22 00:00****Matrix: Solid****Date Received: 05/03/22 14:04**

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 06:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 15:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 16:15	CH	XEN MID

Client Sample ID: CS-30**Lab Sample ID: 890-2271-30****Date Collected: 05/02/22 00:00****Matrix: Solid****Date Received: 05/03/22 14:04**

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 06:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 15:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24899	05/05/22 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			24941	05/08/22 16:21	CH	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-31

Lab Sample ID: 890-2271-31

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 08:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 16:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 09:24	CH	XEN MID

Client Sample ID: CS-32

Lab Sample ID: 890-2271-32

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 08:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 17:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 09:52	CH	XEN MID

Client Sample ID: CS-33

Lab Sample ID: 890-2271-33

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 09:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 17:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 10:01	CH	XEN MID

Client Sample ID: CS-34

Lab Sample ID: 890-2271-34

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 09:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-34

Lab Sample ID: 890-2271-34

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 17:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 10:10	CH	XEN MID

Client Sample ID: CS-35

Lab Sample ID: 890-2271-35

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 09:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 18:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 10:20	CH	XEN MID

Client Sample ID: CS-36

Lab Sample ID: 890-2271-36

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 10:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 18:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 10:47	CH	XEN MID

Client Sample ID: CS-37

Lab Sample ID: 890-2271-37

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 10:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 19:00	AJ	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-37

Lab Sample ID: 890-2271-37

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 10:56	CH	XEN MID

Client Sample ID: CS-38

Lab Sample ID: 890-2271-38

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 10:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 19:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 11:06	CH	XEN MID

Client Sample ID: CS-39

Lab Sample ID: 890-2271-39

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 11:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 19:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 11:15	CH	XEN MID

Client Sample ID: CS-40

Lab Sample ID: 890-2271-40

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24968	05/06/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25304	05/12/22 11:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24901	05/05/22 13:17	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24953	05/06/22 20:05	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 11:24	CH	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-41

Lab Sample ID: 890-2271-41

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24969	05/06/22 11:49	MR	XEN MID
Total/NA	Analysis	8021B		1			25306	05/12/22 05:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 11:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 11:33	CH	XEN MID

Client Sample ID: CS-42

Lab Sample ID: 890-2271-42

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24969	05/06/22 11:49	MR	XEN MID
Total/NA	Analysis	8021B		1			25306	05/12/22 05:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 12:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 12:01	CH	XEN MID

Client Sample ID: CS-43

Lab Sample ID: 890-2271-43

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24969	05/06/22 11:49	MR	XEN MID
Total/NA	Analysis	8021B		1			25306	05/12/22 05:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 13:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 12:10	CH	XEN MID

Client Sample ID: CS-44

Lab Sample ID: 890-2271-44

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24969	05/06/22 11:49	MR	XEN MID
Total/NA	Analysis	8021B		1			25306	05/12/22 06:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-44

Lab Sample ID: 890-2271-44

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 13:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 12:38	CH	XEN MID

Client Sample ID: CS-45

Lab Sample ID: 890-2271-45

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24969	05/06/22 11:49	MR	XEN MID
Total/NA	Analysis	8021B		1			25306	05/12/22 06:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 13:53	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 12:47	CH	XEN MID

Client Sample ID: CS-46

Lab Sample ID: 890-2271-46

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24969	05/06/22 11:49	MR	XEN MID
Total/NA	Analysis	8021B		1			25306	05/12/22 07:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 14:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 12:56	CH	XEN MID

Client Sample ID: CS-47

Lab Sample ID: 890-2271-47

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24969	05/06/22 11:49	MR	XEN MID
Total/NA	Analysis	8021B		1			25306	05/12/22 07:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 14:36	AJ	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-47

Lab Sample ID: 890-2271-47

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 13:05	CH	XEN MID

Client Sample ID: CS-48

Lab Sample ID: 890-2271-48

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24969	05/06/22 11:49	MR	XEN MID
Total/NA	Analysis	8021B		1			25306	05/12/22 08:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 14:58	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 13:15	CH	XEN MID

Client Sample ID: CS-49

Lab Sample ID: 890-2271-49

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24969	05/06/22 11:49	MR	XEN MID
Total/NA	Analysis	8021B		1			25306	05/12/22 08:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 15:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 13:24	CH	XEN MID

Client Sample ID: CS-50

Lab Sample ID: 890-2271-50

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24969	05/06/22 11:49	MR	XEN MID
Total/NA	Analysis	8021B		1			25306	05/12/22 08:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 15:42	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24902	05/05/22 13:19	SC	XEN MID
Soluble	Analysis	300.0		1			24944	05/10/22 13:33	CH	XEN MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: CS-51

Lab Sample ID: 890-2271-51

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	25410	05/12/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25413	05/12/22 16:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 16:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 13:51	CH	XEN MID

Client Sample ID: CS-52

Lab Sample ID: 890-2271-52

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	25410	05/12/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25413	05/12/22 21:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 17:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 14:18	CH	XEN MID

Client Sample ID: CS-53

Lab Sample ID: 890-2271-53

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	25410	05/12/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25413	05/12/22 16:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 17:32	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 14:28	CH	XEN MID

Client Sample ID: SW-1

Lab Sample ID: 890-2271-54

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	25410	05/12/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25413	05/12/22 17:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-1

Lab Sample ID: 890-2271-54

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 17:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 14:37	CH	XEN MID

Client Sample ID: SW-2

Lab Sample ID: 890-2271-55

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	25410	05/12/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25413	05/12/22 17:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 18:15	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 14:46	CH	XEN MID

Client Sample ID: SW-3

Lab Sample ID: 890-2271-56

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	25410	05/12/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25413	05/12/22 17:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 18:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 15:14	CH	XEN MID

Client Sample ID: SW-4

Lab Sample ID: 890-2271-57

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	25410	05/12/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25413	05/12/22 18:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 18:59	AJ	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-4

Lab Sample ID: 890-2271-57

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 15:23	CH	XEN MID

Client Sample ID: SW-5

Lab Sample ID: 890-2271-58

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	25410	05/12/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25413	05/12/22 18:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 19:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 15:32	CH	XEN MID

Client Sample ID: SW-6

Lab Sample ID: 890-2271-59

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	25410	05/12/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25413	05/12/22 18:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 19:42	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 15:41	CH	XEN MID

Client Sample ID: SW-7

Lab Sample ID: 890-2271-60

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	25410	05/12/22 10:53	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	25413	05/12/22 19:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24910	05/05/22 14:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 20:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 15:51	CH	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-8

Lab Sample ID: 890-2271-61

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24982	05/06/22 12:52	MR	XEN MID
Total/NA	Analysis	8021B		1			25025	05/08/22 01:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24911	05/05/22 14:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 21:49	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/09/22 11:54	CH	XEN MID

Client Sample ID: SW-9

Lab Sample ID: 890-2271-62

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24982	05/06/22 12:52	MR	XEN MID
Total/NA	Analysis	8021B		1			25025	05/08/22 02:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24911	05/05/22 14:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 22:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 16:27	CH	XEN MID

Client Sample ID: SW-10

Lab Sample ID: 890-2271-63

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24982	05/06/22 12:52	MR	XEN MID
Total/NA	Analysis	8021B		1			25025	05/08/22 02:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24911	05/05/22 14:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 23:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 16:37	CH	XEN MID

Client Sample ID: SW-11

Lab Sample ID: 890-2271-64

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24982	05/06/22 12:52	MR	XEN MID
Total/NA	Analysis	8021B		1			25025	05/08/22 02:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID

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Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Client Sample ID: SW-11

Lab Sample ID: 890-2271-64

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24911	05/05/22 14:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 23:33	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 17:04	CH	XEN MID

Client Sample ID: SW-12

Lab Sample ID: 890-2271-65

Date Collected: 05/02/22 00:00

Matrix: Solid

Date Received: 05/03/22 14:04

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	24982	05/06/22 12:52	MR	XEN MID
Total/NA	Analysis	8021B		1			25025	05/08/22 03:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			25136	05/09/22 15:20	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			25089	05/09/22 11:58	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24911	05/05/22 14:19	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24947	05/06/22 23:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	24903	05/05/22 13:24	SC	XEN MID
Soluble	Analysis	300.0		1			25042	05/08/22 17:13	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: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy 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

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

Method Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy 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: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-2271-1	CS-1	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-2	CS-2	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-3	CS-3	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-4	CS-4	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-5	CS-5	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-6	CS-6	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-7	CS-7	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-8	CS-8	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-9	CS-9	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-10	CS-10	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-11	CS-11	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-12	CS-12	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-13	CS-13	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-14	CS-14	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-15	CS-15	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-16	CS-16	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-17	CS-17	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-18	CS-18	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-19	CS-19	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-20	CS-20	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-21	CS-21	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-22	CS-22	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-23	CS-23	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-24	CS-24	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-25	CS-25	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-26	CS-26	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-27	CS-27	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-28	CS-28	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-29	CS-29	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-30	CS-30	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-31	CS-31	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-32	CS-32	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-33	CS-33	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-34	CS-34	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-35	CS-35	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-36	CS-36	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-37	CS-37	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-38	CS-38	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-39	CS-39	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-40	CS-40	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-41	CS-41	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-42	CS-42	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-43	CS-43	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-44	CS-44	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-45	CS-45	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-46	CS-46	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-47	CS-47	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-48	CS-48	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-49	CS-49	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-50	CS-50	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-51	CS-51	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-52	CS-52	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-53	CS-53	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-54	SW-1	Solid	05/02/22 00:00	05/03/22 14:04

Sample Summary

Client: NT Global
Project/Site: Cotton Draw Unit 278

Job ID: 890-2271-1
SDG: Eddy Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-2271-55	SW-2	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-56	SW-3	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-57	SW-4	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-58	SW-5	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-59	SW-6	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-60	SW-7	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-61	SW-8	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-62	SW-9	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-63	SW-10	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-64	SW-11	Solid	05/02/22 00:00	05/03/22 14:04
890-2271-65	SW-12	Solid	05/02/22 00:00	05/03/22 14:04



Chain of Custody

Work Order No: _____

Page 1 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
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.Matthews@dvn.com

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

[illegible][illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5-3-22 1404			

Revised Date 06/01/2020 Rev. 2020



Chain of Custody

Work Order No: _____

Page 2 of 7

Project Manager:	Elhan 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:	Catsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@devon.com

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

Project Name:	Cotton Draw Unit 278	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:	225482	Due Date:																None: NO	DI Water: H ₂ O
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool	MeOH: Me
Sampler's Name:	Kevin Valdez																	HCL: HC	HNO ₃ : HN
PO #:	21011287																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice	Yes No														H ₃ PO ₄ : HP	
Received Initial:	Yes No	Thermometer ID:																NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes No	Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:	65	Corrected Temperature:																NaOH+Ascorbic Acid: SABC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-11	5/2/2022		X		Comp	1	X	X	X										
CS-12	5/2/2022		X		Comp	1	X	X	X										
CS-13	5/2/2022		X		Comp	1	X	X	X										
CS-14	5/2/2022		X		Comp	1	X	X	X										
CS-15	5/2/2022		X		Comp	1	X	X	X										
CS-16	5/2/2022		X		Comp	1	X	X	X										
CS-17	5/2/2022		X		Comp	1	X	X	X										
CS-18	5/2/2022		X		Comp	1	X	X	X										
CS-19	5/2/2022		X		Comp	1	X	X	X										
CS-20	5/2/2022		X		Comp	1	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5.3.22 1404			



Chain of Custody

Work Order No: _____

Page 3 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
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.Matthews@dvn.com

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

ANALYSIS REQUEST					
		Turn Around		Pres. Code	
Project Name:	Cotton Draw Unit 278	☒ Routine	☐ Rush		
Project Number:	225482				
Project Location	Eddy Co. NM	Due Date:			
Sampler's Name:	Kevin Valdez	TAT starts the day received by the lab, if received by 4:30pm			
PO #:	21011287				
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:	65	Corrected Temperature:			
Parameters					
BTEX 8021B					
H 8015M (GRO + DRO + MRO)					
Chloride 4500					
HOLD					
None: NO			DI Water: H ₂ O		
Cool: Cool			MeOH: Me		
HCL: HC			HNO ₃ : HN		
H ₂ SO ₄ : H ₂			NaOH: Na		
H ₃ PO ₄ : HP					
NaHSO ₄ : NABIS					
Na ₂ S ₂ O ₃ : NaSO ₃					
Zn Acetate+NaOH: Zn					
NaOH+Ascorbic Acid: SASC					

[illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5.3.22			

Revised Date 05/1/2020 Rev. 2020



Chain of Custody

Work Order No: _____

Page 4 of 7

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@devon.com

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

Project Name:	Cotton Draw Unit 278	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	225482	Due Date:														None: NO	DI Water: H ₂ O
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool	MeOH: Me
Sampler's Name:	Kevin Valdez															HCL: HC	HNO ₃ : HN
PO #	21011287															H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No												H ₃ PO ₄ : HP	
Received Intact:	Yes No	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes No N/A	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:	65	Corrected Temperature:														NaOH+Ascorbic Acid: SACP	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TP													Sample Comments
CS-31	5/2/2022		X		Comp	1	X	X	X	X										
CS-32	5/2/2022		X		Comp	1	X	X	X	X										
CS-33	5/2/2022		X		Comp	1	X	X	X	X										
CS-34	5/2/2022		X		Comp	1	X	X	X	X										
CS-35	5/2/2022		X		Comp	1	X	X	X	X										
CS-36	5/2/2022		X		Comp	1	X	X	X	X										
CS-37	5/2/2022		X		Comp	1	X	X	X	X										
CS-38	5/2/2022		X		Comp	1	X	X	X	X										
CS-39	5/2/2022		X		Comp	1	X	X	X	X										
CS-40	5/2/2022		X		Comp	1	X	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	5.3.22			



Chain of Custody

Work Order No: _____

Page 5 of 7

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: I ☐ II ☐ III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:	Cotton Draw Unit 278	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes		
Project Number:	225482	Due Date:																None: NO	DI Water: H ₂ O	
Project Location:	Eddy Co. NM	TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool	MeOH: Me	
Sampler's Name:	Kevin Valdez																	HCL: HC	HNO ₃ : HN	
PO #:	21011287																	H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes No	Wellbore:	Yes No														H ₃ PO ₄ : HP		
Received Inact:	Yes No	Thermometer (ID):																NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes No N/A	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes No N/A	Temperature Reading:																Zn Acetate+NaOH: Zn		
Total Containers:	65	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-41	5/2/2022		X		Comp	1	X	X	X	X										
CS-42	5/2/2022		X		Comp	1	X	X	X	X										
CS-43	5/2/2022		X		Comp	1	X	X	X	X										
CS-44	5/2/2022		X		Comp	1	X	X	X	X										
CS-45	5/2/2022		X		Comp	1	X	X	X	X										
CS-46	5/2/2022		X		Comp	1	X	X	X	X										
CS-47	5/2/2022		X		Comp	1	X	X	X	X										
CS-48	5/2/2022		X		Comp	1	X	X	X	X										
CS-49	5/2/2022		X		Comp	1	X	X	X	X										
CS-50	5/2/2022		X		Comp	1	X	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5.3.22			



Chain of Custody

Work Order No: _____

Page 6 of 7

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@devon.com

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

Project Name:	Cotton Draw Unit 278	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:	225482																	None: NO	DI Water: H ₂ O
Project Location:	Eddy Co. NM	Due Date:																Cool: Cool	MeOH: Me
Sampler's Name:	Kevin Valdez	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN
PO #:	21011287																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No														H ₃ PO ₄ : HP	
Received Inact:	Yes No	Thermometer ID:																NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes No N/A	Temperature Reading:																Zn Acetate+NaOH: Zn	
Total Containers:	65	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-51	5/2/2022		X		Comp	1	X	X	X										
CS-52	5/2/2022		X		Comp	1	X	X	X										
CS-53	5/2/2022		X		Comp	1	X	X	X										
SW-1	5/2/2022		X		Comp	1	X	X	X										
SW-2	5/2/2022		X		Comp	1	X	X	X										
SW-3	5/2/2022		X		Comp	1	X	X	X										
SW-4	5/2/2022		X		Comp	1	X	X	X										
SW-5	5/2/2022		X		Comp	1	X	X	X										
SW-6	5/2/2022		X		Comp	1	X	X	X										
SW-7	5/2/2022		X		Comp	1	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	5:30:20	3 <i>[Signature]</i>	4 <i>[Signature]</i>	
5			6		

Revised Date 05/01/2020 Rev 2020.1



Chain of Custody

Work Order No: _____

Page 7 of 7

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 ☐ RRP ☐ Level IV ☐ Deliverables: EDO ☐ ADA/P ☐ Other:

[illegible][illegible]

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5.3.22			

Revised Date 05/1/2020 Rev. 2020

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2271-1

SDG Number: Eddy Co. NM

Login Number: 2271

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: 890-2271-1

SDG Number: Eddy Co. NM

Login Number: 2271

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 05/05/22 11:31 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	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 121171

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 121171
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	8/19/2022