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Carlsbad, New Mexico 88220
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July 8, 2024

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

Re: Site Characterization and Remediation Work Plan
Pilot Water Solutions
Mills Riser Ranch
Unit A, Section 35, Township 22S, Range 31E
Site Coordinates: 32.355115, -103.740609
Eddy County, New Mexico
Incident ID: nAPP2114135390

Introduction

On behalf of Pilot Water Solutions (Pilot), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Work Plan for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for the release number: nAPP2114135390– Mills Riser Ranch (Site). The Site is in Unit Letter A, Section 35, of Township 22 South and Range 31 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.355115° N latitude and 103.740609° W longitude. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

Background

Based on the Release Notification C-141 Form, the release was discovered on May 14, 2024, and was due to an underground pipeline failure. Upon discovery all wells associated with the produced water pipeline were shut in, the area secured, and pipeline secured. Approximately four hundred and eighty (485) barrels (bbls) of produced water were released of which four hundred (400) bbls of produced water were recovered for a net loss of eighty (80) bbls of produced water. The release area is shown in Figure 3.

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Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one water monitoring well (C-03152) within a ½-mile radius of the Site. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to the report.

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from the New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Low Karst	938

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 & 19.15.29.13)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	GRO+DRO	BTEX	Benzene
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
19.15.23.12 Restoration, Reclamation, and Re-vegetation	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg

Notes:

--- = not defined

Initial Soil Delineation Assessment Summary and Findings

On June 27, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Six (6) vertical sample points (S-1 through S-6) were installed within the release area, while seven (7) horizontal sample points (H-1 through H-7) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) to one (1) foot (ft) intervals from depths ranging from zero (0) to four and a half (4.5) ft below ground surface (bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Eurofins in Carlsbad, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (by EPA method 300.0). Analytical results indicated that all analytes were below the NMOCD regulatory limits.

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Analytical results are included in Table 1, while soil boring locations are shown in Figure 3. The initial C-141, laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

Proposed Work Plan

After receiving and evaluating the soil boring data NTGE proposes to confirmation sample the areas of S-1 through S-6 to ensure that the impacted soil has been removed from the Site. Confirmation samples will be taken with a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Discrete soil samples will be collected if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified and chloride by EPA Method 300.0 anions. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13, the areas will be further excavated until concentrations are below Table 3.1 Closure Criteria. The proposed confirmation sampling map is shown in Figure 4.

If you have any questions regarding this letter, please contact us at (432)-701-2159.

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

- Tables
- Figures
- Photographic Log
- Site Characterization Documentation
- Laboratory Reports and Chain-of-Custody Documents

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Mills Riser Ranch
Pilot Water Solutions
Eddy County, New Mexico

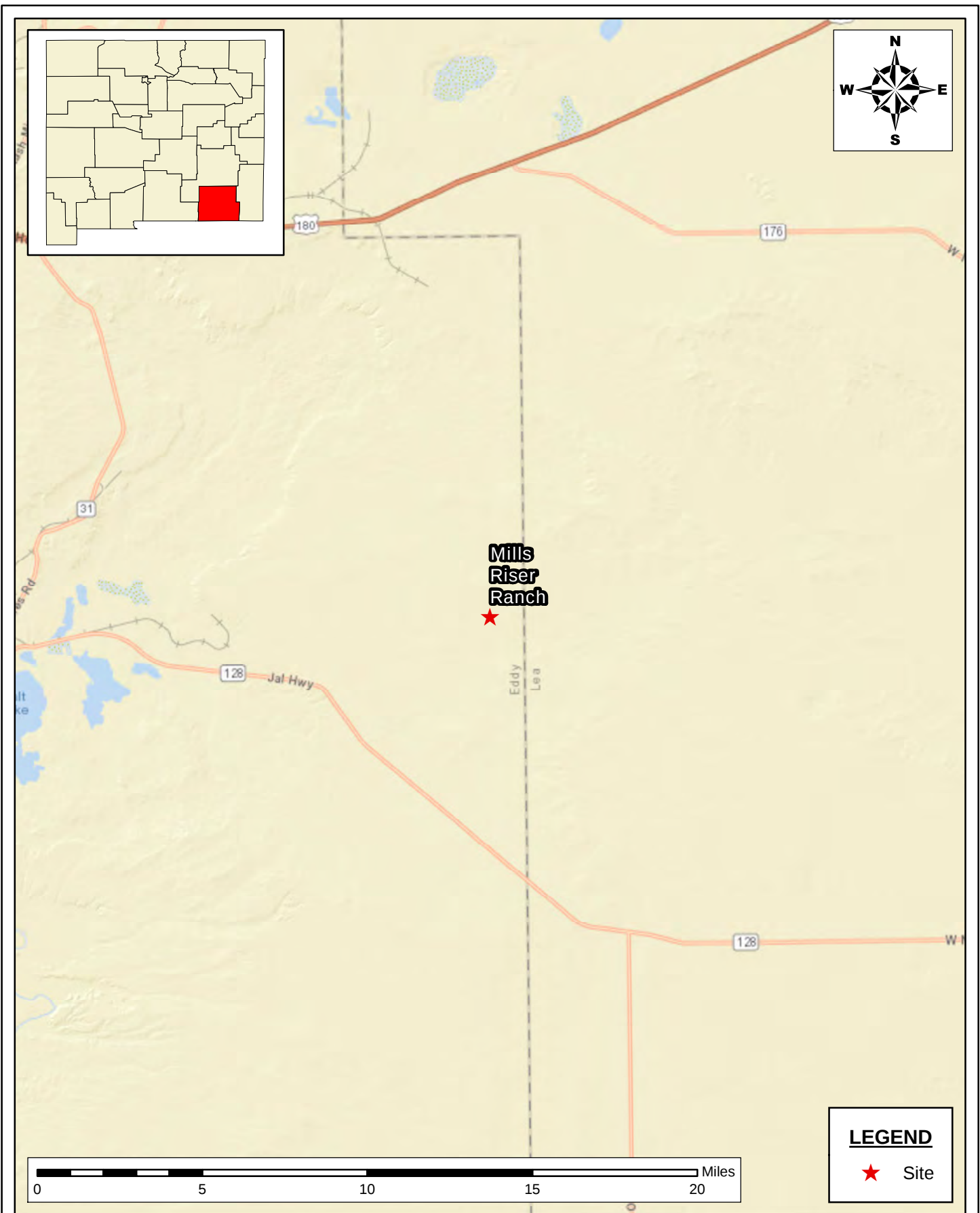
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
Vertical Delineation Samples													
S-1	6/27/2024	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	135
	6/27/2024	1-1.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	85.3
	6/27/2024	2-2.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	235
	6/27/2024	3-3.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	208
	6/27/2024	4-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	307
S-2	6/27/2024	0-6"	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	211
	6/27/2024	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	104
	6/27/2024	2-2.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	245
	6/27/2024	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	427
	6/27/2024	4-4.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	214
S-3	6/27/2024	0-6"	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	157
	6/27/2024	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	142
	6/27/2024	2-2.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	91.1
	6/27/2024	3-3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	68.5
	6/27/2024	4-4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	82.2
S-4	6/27/2024	0-6"	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.7	59.0	59.0	<49.7	59.0	192
	6/27/2024	1-1.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	128
	6/27/2024	2-2.5'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	265
	6/27/2024	3-3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	185
	6/27/2024	4-4.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	131
S-5	6/27/2024	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	127
	6/27/2024	1-1.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	221
	6/27/2024	2-2.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	374
	6/27/2024	3-3.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	287
	6/27/2024	4-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	420
S-6	6/27/2024	0-6"	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.7	<49.7	<49.7	<49.7	<49.7	38.3
	6/27/2024	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.7	<49.7	<49.7	<49.7	<49.7	19.0
	6/27/2024	2-2.5'	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.8	<49.8	<49.8	<49.8	<49.8	87.4
	6/27/2024	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.9	<49.9	<49.9	<49.9	<49.9	197
	6/27/2024	4-4.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.0	<50.0	<50.0	<50.0	<50.0	297
Horizontal Delineation Samples													
H-1	6/27/2024	0-6"	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	89.7
H-2	6/27/2024	0-6"	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.8	<49.8	<49.8	<49.8	<49.8	17.1
H-3	6/27/2024	0-6"	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	238
H-4	6/27/2024	0-6"	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<50.0	<50.0	<50.0	<50.0	<50.0	42.0
H-5	6/27/2024	0-6"	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8	<49.8	<49.8	<49.8	<49.8	34.7
H-6	6/27/2024	0-6"	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	<49.6	<49.6	<49.6	<49.6	<49.6	373
H-7	6/27/2024	0-6"	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.7	<49.7	<49.7	<49.7	<49.7	495

- Notes:
- 1. Values reported in mg/kg
 - 2.< = Value Less Than Reporting Limit (RL)
 - 3. Bold indicates Analyte Detected
 - 4. BTEX analyses by EPA Method SW 8021B
- | | |
|------|------------------------|
| SP-4 | Sample Point Excavated |
|------|------------------------|

- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

FIGURES

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SITE LOCATION MAP
SITE ASSESSMENT REPORT
PILOT WATER SOLUTIONS
MILLS RISER RANCH
EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 6/6/2024 PROJECT #:248757



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

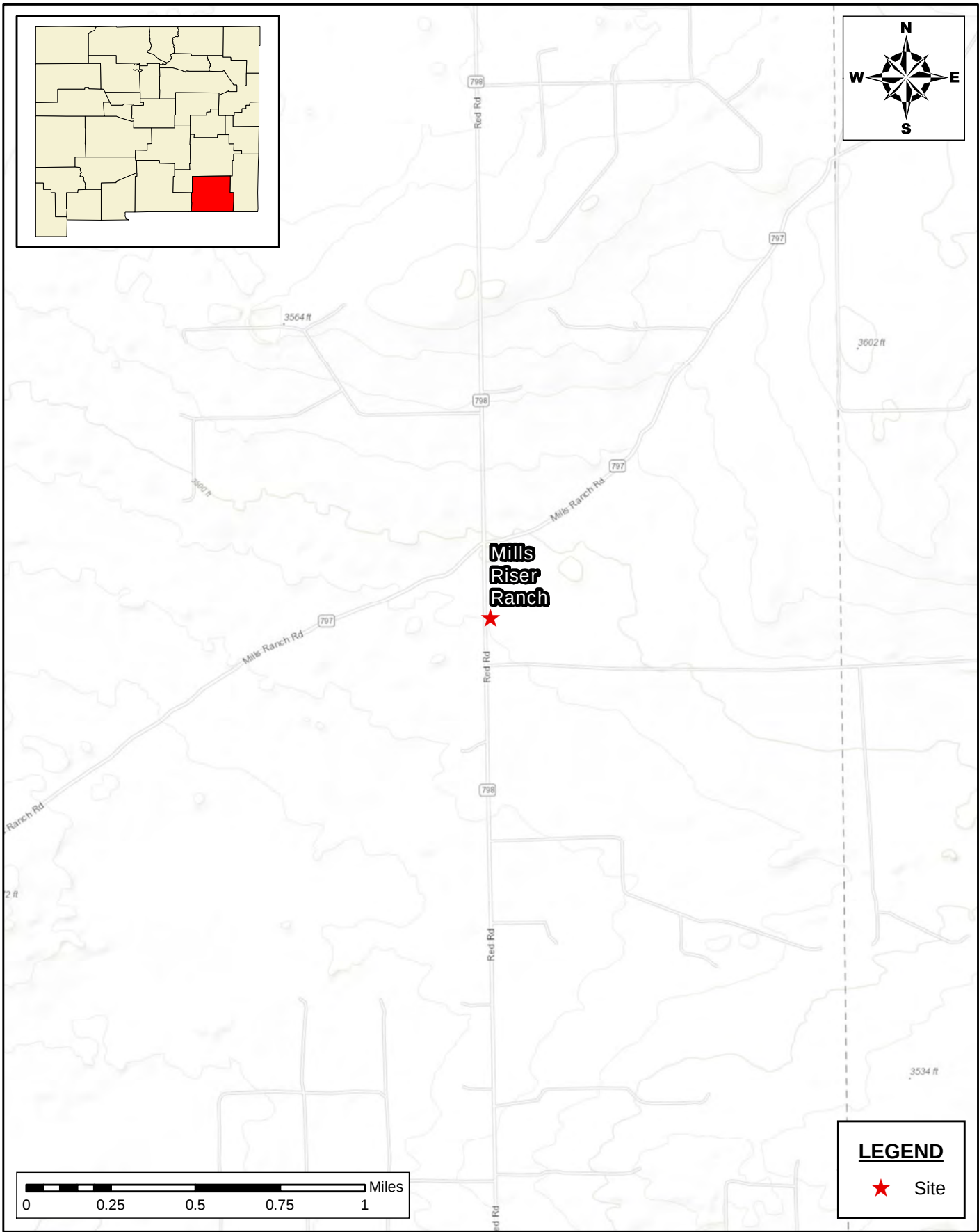
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FIGURE 1

SHEET NUMBER:

1 of 1

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**TOPOGRAPHIC MAP
SITE ASSESSMENT REPORT
PILOT WATER SOLUTIONS
MILLS RISER RANCH
EDDY COUNTY, NEW MEXICO**

SCALE: As Shown Date: 6/6/2024 PROJECT #:248757



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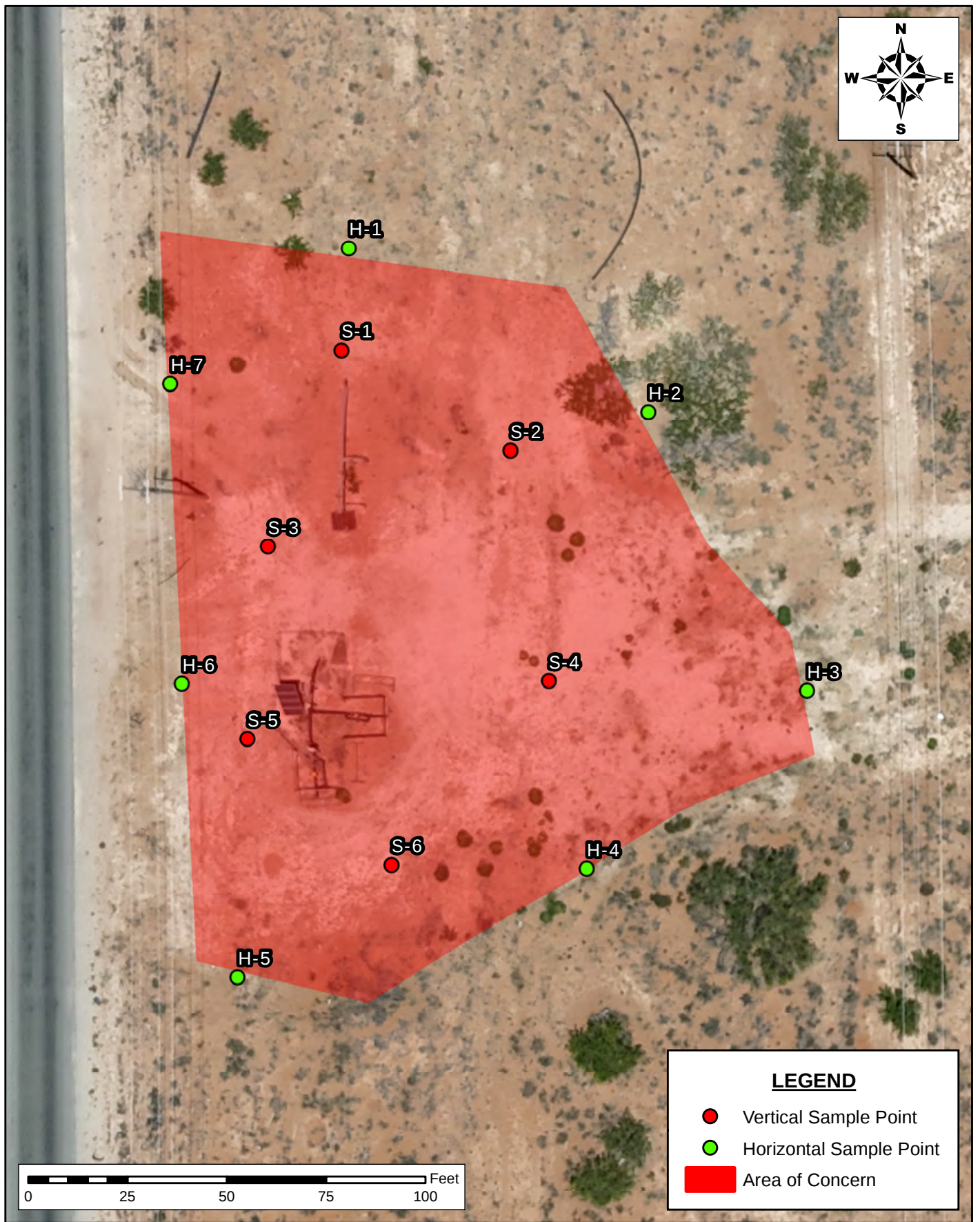
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FIGURE 2

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**DELINEATION MAP
SITE ASSESSMENT REPORT
PILOT WATER SOLUTIONS
MILLS RISER RANCH
EDDY COUNTY, NEW MEXICO**

SCALE: As Shown Date: 6/6/2024 PROJECT #:248757



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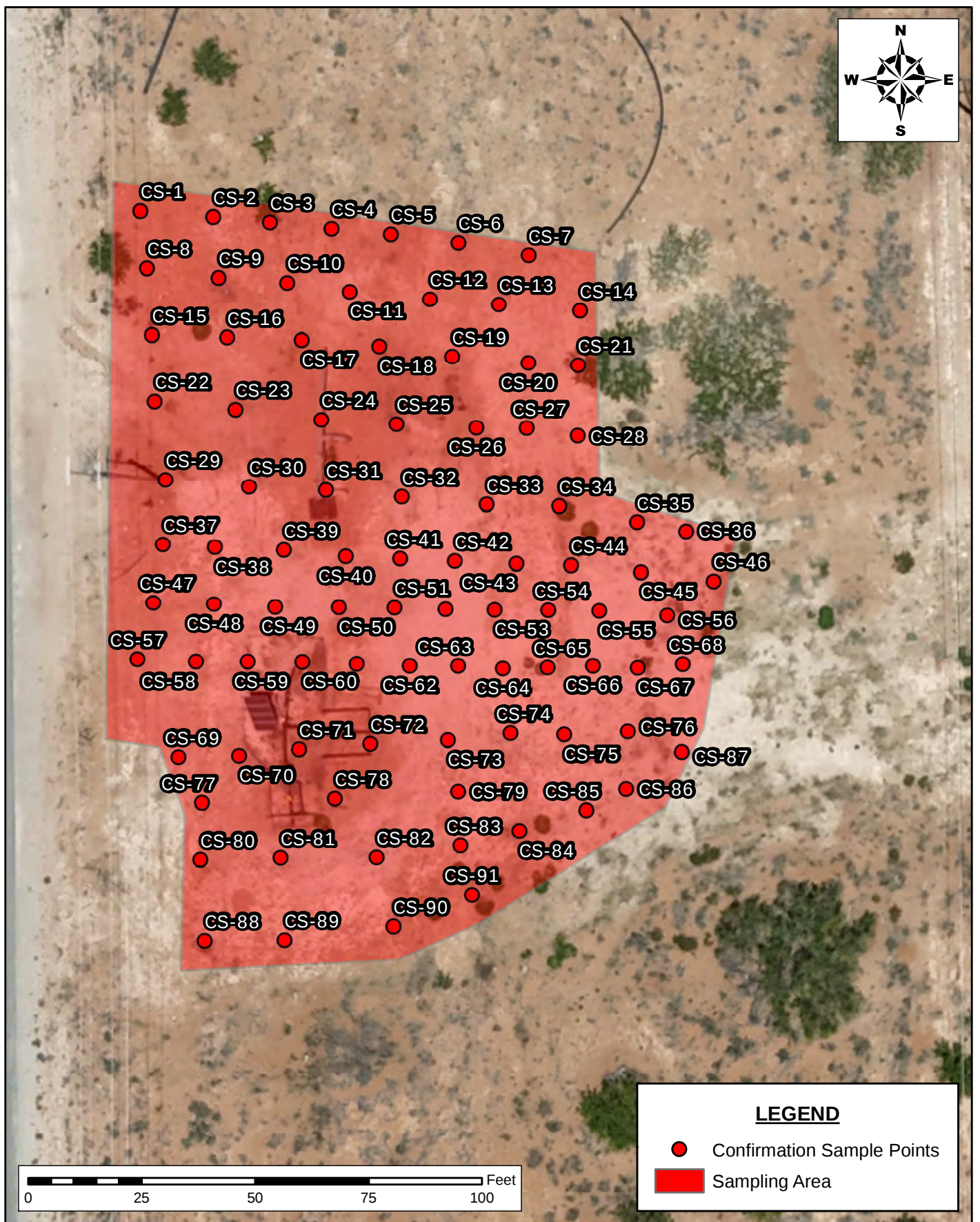
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FIGURE 3

SHEET NUMBER:

1 of 1

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CONFIRMATION SAMPLING MAP
SITE ASSESSMENT REPORT
PILOT WATER SOLUTIONS
MILLS RISER RANCH
EDDY COUNTY, NEW MEXICO

SCALE: As Shown

Date: 8/7/2024

PROJECT #:248757



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Web: www.ntgenviroinmental.com

NOTES:

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

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FIGURE 4

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Pilot Water Solutions Mills Riser Ranch

Photograph No. 1

Facility: Mills Riser Ranch

County: Eddy County, New Mexico

Description:
Area of Concern



Photograph No. 2

Facility: Mills Riser Ranch

County: Eddy County, New Mexico

Description:
Area of Concern



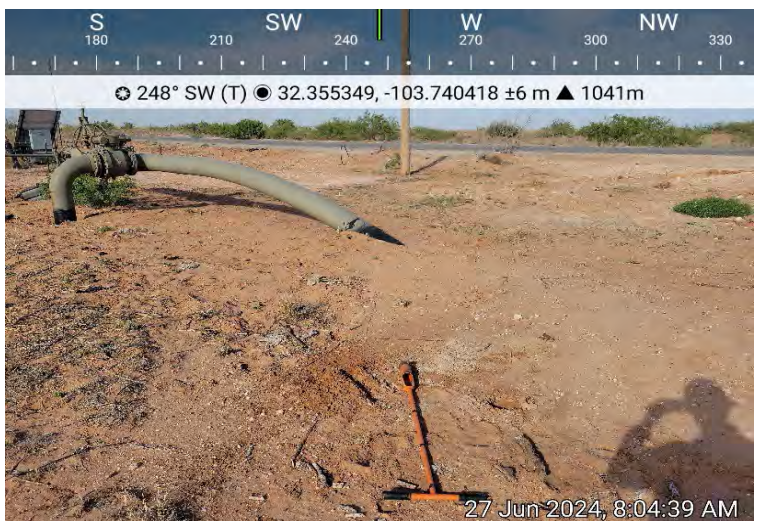
Photograph No. 3

Facility: Mills Riser Ranch

County: Eddy County, New Mexico

Description:
Area of Concern



PHOTOGRAPHIC LOG**Pilot Water Solutions
Mills Riser Ranch****Photograph No. 4****Facility:** Mills Riser Ranch**County:** Eddy County, New Mexico**Description:**
Area of Concern**Photograph No. 5****Facility:** Mills Riser Ranch**County:** Eddy County, New Mexico**Description:**
Area of Concern**Photograph No. 6****Facility:** Mills Riser Ranch**County:** Eddy County, New Mexico**Description:**
Sample Location

SITE CHARACTERIZATION DOCUMENTATION

NMOCD Closure Criteria

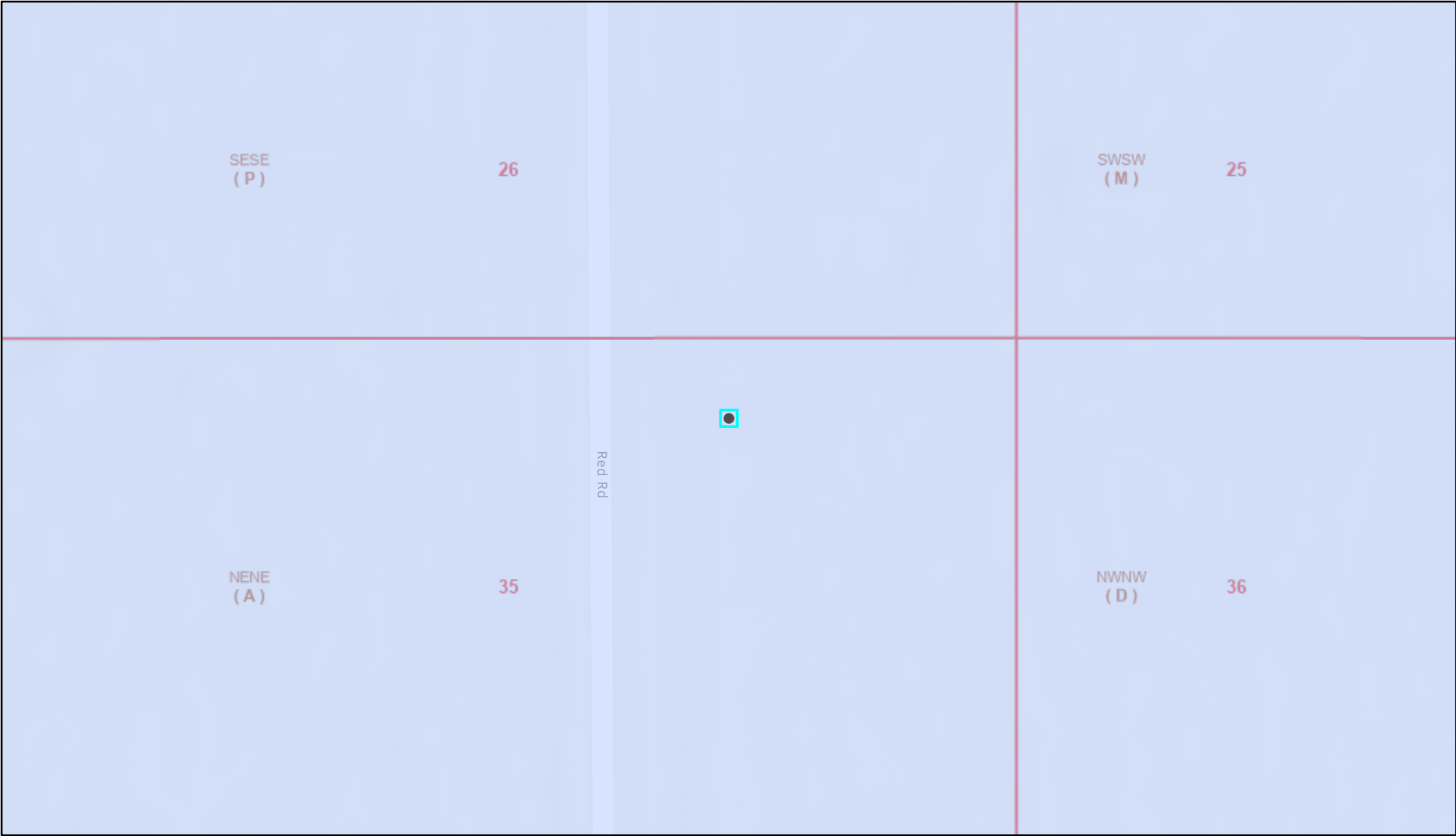
MILLS RISER RANCH

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater (ft bgs)	>101	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	National Wetlands Inventory (NWS)

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50		600	100	--	50	10
51 - 100		10,000	2,500	1,000	50	10
>100	X	20,000	2,500	1,000	50	10
Surface Water	Yes/No	in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100	1,000	50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	No					
Within a 100 yr floodplain?	No					

* - numerical limit or background, whichever is greater

Karst Potential Map



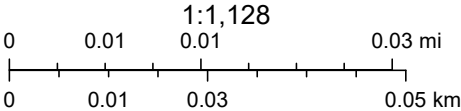
5/31/2024, 11:44:56 AM

Karst Occurrence Potential

Low

PLSS Second Division

PLSS First Division



BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS

OSE POD Location Map



5/31/2024, 11:37:30 AM

- Override 1

GIS WATERS PODs

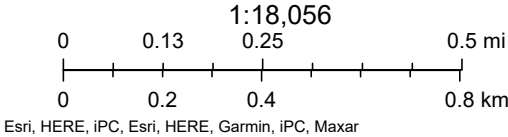
Active
- Pending

OSE District Boundary
- Water Right Regulations

Closure Area

Artesian Planning Area
- New Mexico State Trust Lands

Both Estates





Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tw	Rng	X	Y
	C 03152	3	4	4	26	22S	31E	618250	3580606*

Driller License: 1184 **Driller Company:** WEST TEXAS WATER WELL SERVICE

Driller Name: BROCKMAN, BERNARD J.

Drill Start Date: 06/01/2005

Drill Finish Date: 06/07/2005

Plug Date:

Log File Date: 06/10/2005

PCW Rcv Date:

Source: Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size: 8.00

Depth Well: 938 feet

Depth Water:

*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.

5/31/24 10:49 AM

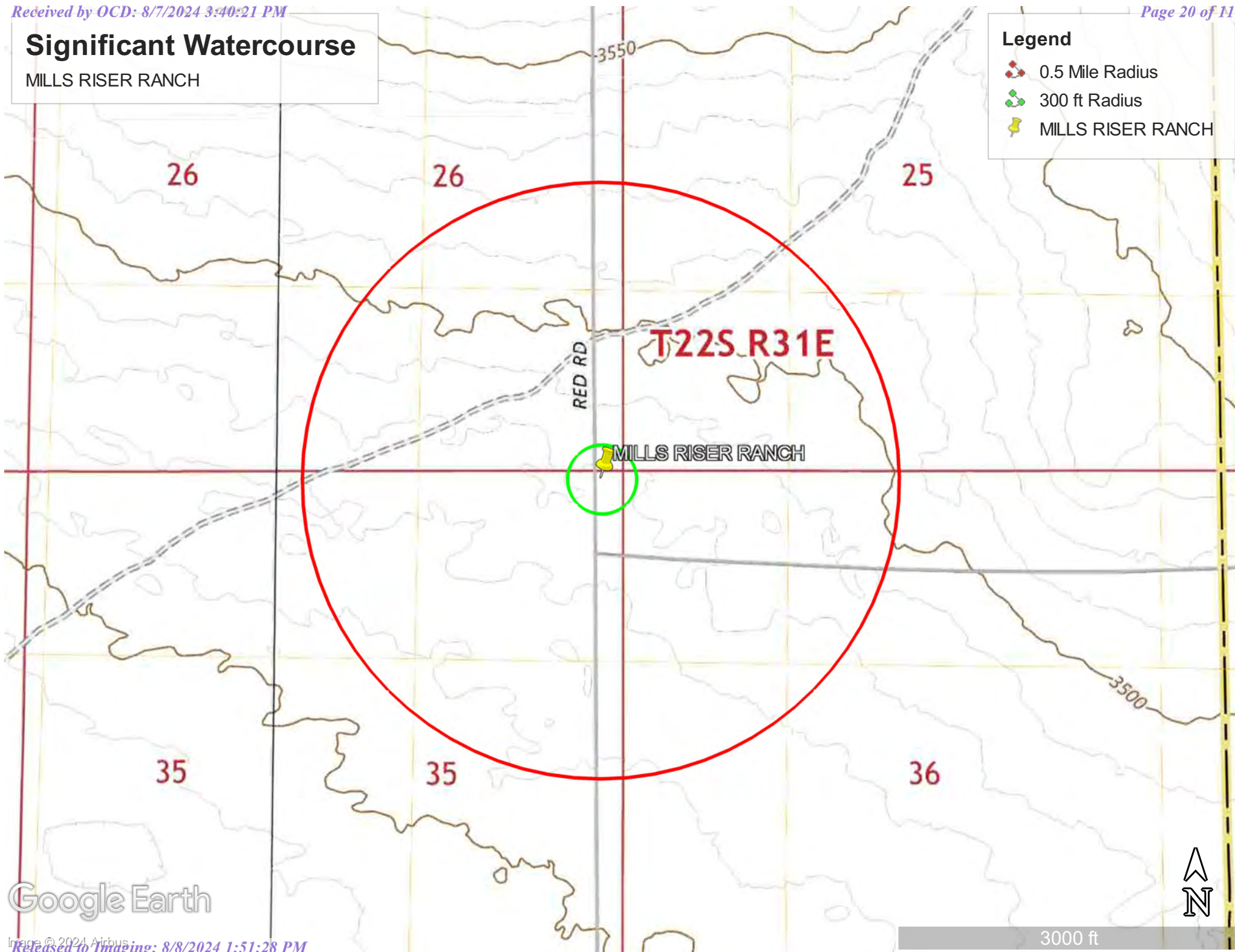
POINT OF DIVERSION SUMMARY

Significant Watercourse

MILLS RISER RANCH

Legend

- 0.5 Mile Radius
- 300 ft Radius
- MILLS RISER RANCH



Google Earth

National Flood Hazard Layer FIRMette



103°44'45"W 32°21'34"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

103°44'7"W 32°21'3"N

Released to Imaging: 8/8/2024 1:34:28 PM

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

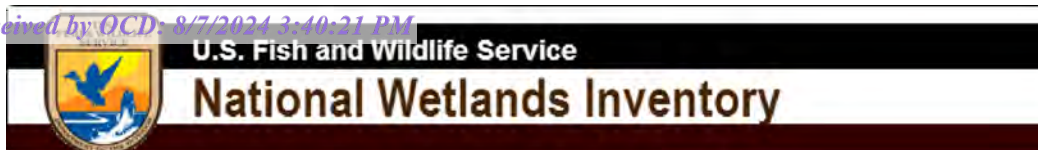


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **5/31/2024 at 12:35 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Wetlands Map



May 31, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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ANALYTICAL REPORT

PREPARED FOR

Attn: Ethan Sessums
NT Global
701 Tradewinds Blvd
Midland, Texas 79706
Generated 7/8/2024 8:49:44 AM

JOB DESCRIPTION

MILLS RISER RANCH
Eddy Co NM

JOB NUMBER

890-6855-1

Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
7/8/2024 8:49:44 AM

Authorized for release by
Jessica Kramer, Project Manager
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(432)704-5440

Client: NT Global
Project/Site: MILLS RISER RANCH

Laboratory Job ID: 890-6855-1
SDG: Eddy Co NM

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Definitions/Glossary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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)

Eurofins Carlsbad

Definitions/Glossary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: NT Global
Project: MILLS RISER RANCH

Job ID: 890-6855-1

Job ID: 890-6855-1

Eurofins Carlsbad

Job Narrative
890-6855-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/27/2024 10:54 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -4.6°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S - 1 (890-6855-1), S - 1 (890-6855-2), S - 1 (890-6855-3), S - 1 (890-6855-4), S - 1 (890-6855-5), S - 2 (890-6855-6), S - 2 (890-6855-7), S - 2 (890-6855-8), S - 2 (890-6855-9), S - 2 (890-6855-10), S - 3 (890-6855-11), S - 3 (890-6855-12), S - 3 (890-6855-13), S - 3 (890-6855-14), S - 3 (890-6855-15), S - 4 (890-6855-16), S - 4 (890-6855-17), S - 4 (890-6855-18), S - 4 (890-6855-19), S - 4 (890-6855-20), S - 5 (890-6855-21), S - 5 (890-6855-22), S - 5 (890-6855-23), S - 5 (890-6855-24), S - 5 (890-6855-25), S - 6 (890-6855-26), S - 6 (890-6855-27), S - 6 (890-6855-28), S - 6 (890-6855-29), S - 6 (890-6855-30), H - 1 (890-6855-31), H - 2 (890-6855-32), H - 3 (890-6855-33), H - 4 (890-6855-34), H - 5 (890-6855-35), H - 6 (890-6855-36) and H - 7 (890-6855-37).

GC VOA

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-84451 recovered above the upper control limit for Benzene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported. The associated sample is impacted: (CCV 880-84451/33).

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-84468 and analytical batch 880-84451 recovered outside control limits for the following analytes: Ethylbenzene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-84451 recovered above the upper control limit for Ethylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-84451/64).

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-84341 and analytical batch 880-84449 was outside the control limits.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84474 and analytical batch 880-84435 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84444 and analytical batch 880-84622 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-84444/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84444 and analytical batch 880-84622 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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Case Narrative

Client: NT Global
Project: MILLS RISER RANCH

Job ID: 890-6855-1

Job ID: 890-6855-1 (Continued)

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Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S - 6 (890-6855-30). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84474 and analytical batch 880-84435 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84377 and analytical batch 880-84437 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H - 5 (890-6855-35), H - 7 (890-6855-37), (890-6855-A-35-C MS) and (890-6855-A-35-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-84377 and analytical batch 880-84437 contained Gasoline Range Organics (GRO)-C6-C10, Diesel Range Organics (Over C10-C28) and Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-84377 and analytical batch 880-84437 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 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-84446 and analytical batch 880-84620 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S - 1 (890-6855-5) and S - 3 (890-6855-12). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-84446 and analytical batch 880-84620 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-84475 and analytical batch 880-84671 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 - Soluble: The laboratory control sample (LCS) associated with preparation batch 880-84481 and analytical batch 880-84677 was outside acceptance criteria due to a mis-injection. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-84476 and analytical batch 880-84674 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.

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 1

Lab Sample ID: 890-6855-1

Date Collected: 06/27/24 06:45

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:11	06/29/24 02:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:11	06/29/24 02:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:11	06/29/24 02:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/28/24 10:11	06/29/24 02:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:11	06/29/24 02:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/28/24 10:11	06/29/24 02:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/28/24 10:11	06/29/24 02:29	1
1,4-Difluorobenzene (Surr)	86		70 - 130				06/28/24 10:11	06/29/24 02:29	1

Method: TAL SOP 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			06/29/24 02:29	1

Method: SW846 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			06/29/24 17:56	1

Method: SW846 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		06/28/24 08:16	06/29/24 17:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:16	06/29/24 17:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:16	06/29/24 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				06/28/24 08:16	06/29/24 17:56	1
o-Terphenyl	104		70 - 130				06/28/24 08:16	06/29/24 17:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		4.99		mg/Kg			07/01/24 15:59	1

Client Sample ID: S - 1

Lab Sample ID: 890-6855-2

Date Collected: 06/27/24 06:47

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:11	06/29/24 02:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:11	06/29/24 02:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:11	06/29/24 02:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 10:11	06/29/24 02:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:11	06/29/24 02:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 10:11	06/29/24 02:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				06/28/24 10:11	06/29/24 02:55	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 1

Lab Sample ID: 890-6855-2

Date Collected: 06/27/24 06:47

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	92		70 - 130	06/28/24 10:11	06/29/24 02:55	1

Method: TAL SOP 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			06/29/24 02:55	1

Method: SW846 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			06/29/24 18:16	1

Method: SW846 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		06/28/24 08:16	06/29/24 18:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:16	06/29/24 18:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:16	06/29/24 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/28/24 08:16	06/29/24 18:16	1
o-Terphenyl	105		70 - 130				06/28/24 08:16	06/29/24 18:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.3		5.00		mg/Kg			07/01/24 16:05	1

Client Sample ID: S - 1

Lab Sample ID: 890-6855-3

Date Collected: 06/27/24 06:49

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:11	06/29/24 03:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:11	06/29/24 03:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:11	06/29/24 03:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/28/24 10:11	06/29/24 03:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:11	06/29/24 03:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/28/24 10:11	06/29/24 03:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	06/28/24 10:11	06/29/24 03:22	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/28/24 10:11	06/29/24 03:22	1

Method: TAL SOP 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			06/29/24 03:22	1

Method: SW846 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			06/29/24 10:43	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 1

Lab Sample ID: 890-6855-3

Date Collected: 06/27/24 06:49

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 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		06/28/24 08:19	06/29/24 10:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		06/28/24 08:19	06/29/24 10:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 10:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				06/28/24 08:19	06/29/24 10:43	1
o-Terphenyl	97		70 - 130				06/28/24 08:19	06/29/24 10:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	235		4.98		mg/Kg			07/01/24 17:06	1

Client Sample ID: S - 1

Lab Sample ID: 890-6855-4

Date Collected: 06/27/24 06:51

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 03:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 03:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 03:48	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 10:11	06/29/24 03:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 03:48	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 10:11	06/29/24 03:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				06/28/24 10:11	06/29/24 03:48	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/28/24 10:11	06/29/24 03:48	1

Method: TAL SOP 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			06/29/24 03:48	1

Method: SW846 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			06/29/24 11:44	1

Method: SW846 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		06/28/24 08:19	06/29/24 11:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 11:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 11:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				06/28/24 08:19	06/29/24 11:44	1
o-Terphenyl	115		70 - 130				06/28/24 08:19	06/29/24 11:44	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 1

Date Collected: 06/27/24 06:51

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Lab Sample ID: 890-6855-4

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	208		5.04		mg/Kg			07/01/24 17:12	1

Client Sample ID: S - 1

Date Collected: 06/27/24 06:53

Date Received: 06/27/24 10:54

Sample Depth: 4 - 4.5'

Lab Sample ID: 890-6855-5

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:11	06/29/24 04:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:11	06/29/24 04:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:11	06/29/24 04:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 10:11	06/29/24 04:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:11	06/29/24 04:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 10:11	06/29/24 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				06/28/24 10:11	06/29/24 04:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/28/24 10:11	06/29/24 04:15	1

Method: TAL SOP 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			06/29/24 04:15	1

Method: SW846 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			06/29/24 12:05	1

Method: SW846 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		06/28/24 08:19	06/29/24 12:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:19	06/29/24 12:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:19	06/29/24 12:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130				06/28/24 08:19	06/29/24 12:05	1
o-Terphenyl	134	S1+	70 - 130				06/28/24 08:19	06/29/24 12:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	307		5.03		mg/Kg			07/01/24 17:17	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 2

Lab Sample ID: 890-6855-6

Date Collected: 06/27/24 06:55

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 04:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 04:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 04:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 10:11	06/29/24 04:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 04:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 10:11	06/29/24 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130				06/28/24 10:11	06/29/24 04:42	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/28/24 10:11	06/29/24 04:42	1

Method: TAL SOP 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			06/29/24 04:42	1

Method: SW846 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			06/29/24 12:26	1

Method: SW846 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		06/28/24 08:19	06/29/24 12:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:19	06/29/24 12:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:19	06/29/24 12:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				06/28/24 08:19	06/29/24 12:26	1
o-Terphenyl	88		70 - 130				06/28/24 08:19	06/29/24 12:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	211		5.05		mg/Kg			07/01/24 17:22	1

Client Sample ID: S - 2

Lab Sample ID: 890-6855-7

Date Collected: 06/27/24 06:57

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:11	06/29/24 05:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:11	06/29/24 05:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:11	06/29/24 05:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/28/24 10:11	06/29/24 05:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:11	06/29/24 05:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/28/24 10:11	06/29/24 05:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/28/24 10:11	06/29/24 05:09	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 2

Lab Sample ID: 890-6855-7

Date Collected: 06/27/24 06:57

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	91		70 - 130				06/28/24 10:11	06/29/24 05:09	1
Method: TAL SOP 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			06/29/24 05:09	1
Method: SW846 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			06/29/24 12:47	1
Method: SW846 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		06/28/24 08:19	06/29/24 12:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 12:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				06/28/24 08:19	06/29/24 12:47	1
o-Terphenyl	102		70 - 130				06/28/24 08:19	06/29/24 12:47	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		5.01		mg/Kg			07/01/24 17:27	1

Client Sample ID: S - 2

Lab Sample ID: 890-6855-8

Date Collected: 06/27/24 06:59

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 05:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 05:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 05:35	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 10:11	06/29/24 05:35	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 05:35	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 10:11	06/29/24 05:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				06/28/24 10:11	06/29/24 05:35	1
1,4-Difluorobenzene (Surr)	92		70 - 130				06/28/24 10:11	06/29/24 05:35	1
Method: TAL SOP 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			06/29/24 05:35	1
Method: SW846 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			06/29/24 13:07	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 2

Lab Sample ID: 890-6855-8

Date Collected: 06/27/24 06:59

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 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		06/28/24 08:19	06/29/24 13:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 13:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/28/24 08:19	06/29/24 13:07	1
o-Terphenyl	102		70 - 130				06/28/24 08:19	06/29/24 13:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	245		4.97		mg/Kg			07/01/24 17:33	1

Client Sample ID: S - 2

Lab Sample ID: 890-6855-9

Date Collected: 06/27/24 07:01

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 06:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 06:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 06:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 10:11	06/29/24 06:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 06:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 10:11	06/29/24 06:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				06/28/24 10:11	06/29/24 06:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/28/24 10:11	06/29/24 06:02	1

Method: TAL SOP 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			06/29/24 06:02	1

Method: SW846 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			06/29/24 13:28	1

Method: SW846 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		06/28/24 08:19	06/29/24 13:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 13:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 13:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				06/28/24 08:19	06/29/24 13:28	1
o-Terphenyl	110		70 - 130				06/28/24 08:19	06/29/24 13:28	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 2

Lab Sample ID: 890-6855-9

Date Collected: 06/27/24 07:01

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	427		4.95		mg/Kg			07/01/24 17:38	1

Client Sample ID: S - 2

Lab Sample ID: 890-6855-10

Date Collected: 06/27/24 07:03

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 4 - 4.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 06:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 06:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 06:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/28/24 10:11	06/29/24 06:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:11	06/29/24 06:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/28/24 10:11	06/29/24 06:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/28/24 10:11	06/29/24 06:28	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/28/24 10:11	06/29/24 06:28	1

Method: TAL SOP 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			06/29/24 06:28	1

Method: SW846 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			06/29/24 13:49	1

Method: SW846 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		06/28/24 08:19	06/29/24 13:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 13:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 13:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				06/28/24 08:19	06/29/24 13:49	1
o-Terphenyl	117		70 - 130				06/28/24 08:19	06/29/24 13:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	214	F1	4.99		mg/Kg			07/01/24 20:42	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 3

Lab Sample ID: 890-6855-11

Date Collected: 06/27/24 07:05

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 22:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 22:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 22:37	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/29/24 13:39	06/29/24 22:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 22:37	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:39	06/29/24 22:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/29/24 13:39	06/29/24 22:37	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/29/24 13:39	06/29/24 22:37	1

Method: TAL SOP 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			06/29/24 22:37	1

Method: SW846 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			06/29/24 14:10	1

Method: SW846 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		06/28/24 08:19	06/29/24 14:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 14:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 14:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				06/28/24 08:19	06/29/24 14:10	1
o-Terphenyl	109		70 - 130				06/28/24 08:19	06/29/24 14:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		4.97		mg/Kg			07/01/24 21:02	1

Client Sample ID: S - 3

Lab Sample ID: 890-6855-12

Date Collected: 06/27/24 07:08

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:39	06/29/24 22:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:39	06/29/24 22:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:39	06/29/24 22:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/29/24 13:39	06/29/24 22:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/29/24 13:39	06/29/24 22:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/29/24 13:39	06/29/24 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/29/24 13:39	06/29/24 22:58	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 3

Lab Sample ID: 890-6855-12

Date Collected: 06/27/24 07:08

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	90		70 - 130	06/29/24 13:39	06/29/24 22:58	1

Method: TAL SOP 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			06/29/24 22:58	1

Method: SW846 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			06/29/24 14:30	1

Method: SW846 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		06/28/24 08:19	06/29/24 14:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 14:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 14:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	163	S1+	70 - 130				06/28/24 08:19	06/29/24 14:30	1
o-Terphenyl	177	S1+	70 - 130				06/28/24 08:19	06/29/24 14:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		5.03		mg/Kg			07/01/24 21:08	1

Client Sample ID: S - 3

Lab Sample ID: 890-6855-13

Date Collected: 06/27/24 07:11

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 23:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 23:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 23:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/29/24 13:39	06/29/24 23:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 23:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/29/24 13:39	06/29/24 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/29/24 13:39	06/29/24 23:18	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/29/24 13:39	06/29/24 23:18	1

Method: TAL SOP 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			06/29/24 23:18	1

Method: SW846 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			06/29/24 15:11	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 3

Lab Sample ID: 890-6855-13

Date Collected: 06/27/24 07:11

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 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		06/28/24 08:19	06/29/24 15:11	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 08:19	06/29/24 15:11	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 08:19	06/29/24 15:11	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	100		70 - 130				06/28/24 08:19	06/29/24 15:11	1	
o-Terphenyl	110		70 - 130				06/28/24 08:19	06/29/24 15:11	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	91.1		4.98		mg/Kg			07/01/24 21:15	1	

Client Sample ID: S - 3

Lab Sample ID: 890-6855-14

Date Collected: 06/27/24 07:14

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:39	06/29/24 23:38	1	
Toluene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:39	06/29/24 23:38	1	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:39	06/29/24 23:38	1	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/29/24 13:39	06/29/24 23:38	1	
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/29/24 13:39	06/29/24 23:38	1	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/29/24 13:39	06/29/24 23:38	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	107		70 - 130				06/29/24 13:39	06/29/24 23:38	1	
1,4-Difluorobenzene (Surr)	90		70 - 130				06/29/24 13:39	06/29/24 23:38	1	

Method: TAL SOP 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			06/29/24 23:38	1	

Method: SW846 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			06/29/24 15:32	1	

Method: SW846 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		06/28/24 08:19	06/29/24 15:32	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 15:32	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 15:32	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	93		70 - 130				06/28/24 08:19	06/29/24 15:32	1	
o-Terphenyl	104		70 - 130				06/28/24 08:19	06/29/24 15:32	1	

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 3

Lab Sample ID: 890-6855-14

Date Collected: 06/27/24 07:14

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.5		4.97		mg/Kg			07/01/24 21:22	1

Client Sample ID: S - 3

Lab Sample ID: 890-6855-15

Date Collected: 06/27/24 07:17

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 4 - 4.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/30/24 18:35	06/30/24 21:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/30/24 18:35	06/30/24 21:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/30/24 18:35	06/30/24 21:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/30/24 18:35	06/30/24 21:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/30/24 18:35	06/30/24 21:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/30/24 18:35	06/30/24 21:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/30/24 18:35	06/30/24 21:41	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/30/24 18:35	06/30/24 21:41	1

Method: TAL SOP 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			06/30/24 21:41	1

Method: SW846 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			06/29/24 15:53	1

Method: SW846 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		06/28/24 08:19	06/29/24 15:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 15:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 15:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				06/28/24 08:19	06/29/24 15:53	1
o-Terphenyl	111		70 - 130				06/28/24 08:19	06/29/24 15:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.2		5.04		mg/Kg			07/01/24 21:42	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 4

Lab Sample ID: 890-6855-16

Date Collected: 06/27/24 07:20

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/30/24 22:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/30/24 22:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/30/24 22:02	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/29/24 13:39	06/30/24 22:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/30/24 22:02	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:39	06/30/24 22:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				06/29/24 13:39	06/30/24 22:02	1
1,4-Difluorobenzene (Surr)	90		70 - 130				06/29/24 13:39	06/30/24 22:02	1

Method: TAL SOP 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			06/30/24 22:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.0		49.7		mg/Kg			06/29/24 16:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/28/24 08:19	06/29/24 16:13	1
Diesel Range Organics (Over C10-C28)	59.0		49.7		mg/Kg		06/28/24 08:19	06/29/24 16:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/28/24 08:19	06/29/24 16:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				06/28/24 08:19	06/29/24 16:13	1
o-Terphenyl	105		70 - 130				06/28/24 08:19	06/29/24 16:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		4.99		mg/Kg			07/01/24 21:48	1

Client Sample ID: S - 4

Lab Sample ID: 890-6855-17

Date Collected: 06/27/24 07:23

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/30/24 18:35	06/30/24 22:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/30/24 18:35	06/30/24 22:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/30/24 18:35	06/30/24 22:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/30/24 18:35	06/30/24 22:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/30/24 18:35	06/30/24 22:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/30/24 18:35	06/30/24 22:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				06/30/24 18:35	06/30/24 22:22	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 4

Lab Sample ID: 890-6855-17

Date Collected: 06/27/24 07:23

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	90		70 - 130	06/30/24 18:35	06/30/24 22:22	1

Method: TAL SOP 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			06/30/24 22:22	1

Method: SW846 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			06/29/24 16:34	1

Method: SW846 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		06/28/24 08:19	06/29/24 16:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 16:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				06/28/24 08:19	06/29/24 16:34	1
o-Terphenyl	100		70 - 130				06/28/24 08:19	06/29/24 16:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		5.02		mg/Kg			07/01/24 21:55	1

Client Sample ID: S - 4

Lab Sample ID: 890-6855-18

Date Collected: 06/27/24 07:26

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:11	06/30/24 22:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:11	06/30/24 22:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:11	06/30/24 22:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/28/24 10:11	06/30/24 22:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:11	06/30/24 22:42	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/28/24 10:11	06/30/24 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/28/24 10:11	06/30/24 22:42	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/28/24 10:11	06/30/24 22:42	1

Method: TAL SOP 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			06/30/24 22:42	1

Method: SW846 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			06/29/24 16:54	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 4

Lab Sample ID: 890-6855-18

Date Collected: 06/27/24 07:26

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 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		06/28/24 08:19	06/29/24 16:54	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 16:54	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 08:19	06/29/24 16:54	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	95		70 - 130				06/28/24 08:19	06/29/24 16:54	1	
o-Terphenyl	106		70 - 130				06/28/24 08:19	06/29/24 16:54	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	265		5.04		mg/Kg			07/01/24 22:02	1	

Client Sample ID: S - 4

Lab Sample ID: 890-6855-19

Date Collected: 06/27/24 07:29

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00201	U	0.00201		mg/Kg		06/30/24 18:35	06/30/24 23:03	1	
Toluene	<0.00201	U	0.00201		mg/Kg		06/30/24 18:35	06/30/24 23:03	1	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/30/24 18:35	06/30/24 23:03	1	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/30/24 18:35	06/30/24 23:03	1	
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/30/24 18:35	06/30/24 23:03	1	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/30/24 18:35	06/30/24 23:03	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	107		70 - 130				06/30/24 18:35	06/30/24 23:03	1	
1,4-Difluorobenzene (Surr)	90		70 - 130				06/30/24 18:35	06/30/24 23:03	1	

Method: TAL SOP 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			06/30/24 23:03	1	

Method: SW846 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			06/28/24 22:40	1	

Method: SW846 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		06/28/24 10:47	06/28/24 22:40	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/28/24 22:40	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/28/24 22:40	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	87		70 - 130				06/28/24 10:47	06/28/24 22:40	1	
o-Terphenyl	91		70 - 130				06/28/24 10:47	06/28/24 22:40	1	

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 4

Lab Sample ID: 890-6855-19

Date Collected: 06/27/24 07:29

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		5.05		mg/Kg			07/01/24 22:08	1

Client Sample ID: S - 4

Lab Sample ID: 890-6855-20

Date Collected: 06/27/24 07:32

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 4 - 4.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/24 18:35	06/30/24 23:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/24 18:35	06/30/24 23:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/24 18:35	06/30/24 23:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/30/24 18:35	06/30/24 23:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/24 18:35	06/30/24 23:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/30/24 18:35	06/30/24 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				06/30/24 18:35	06/30/24 23:23	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/30/24 18:35	06/30/24 23:23	1

Method: TAL SOP 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			06/30/24 23:23	1

Method: SW846 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			06/28/24 23:01	1

Method: SW846 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		06/28/24 10:47	06/28/24 23:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/28/24 23:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/28/24 23:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				06/28/24 10:47	06/28/24 23:01	1
o-Terphenyl	100		70 - 130				06/28/24 10:47	06/28/24 23:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131	F1	5.00		mg/Kg			07/01/24 22:15	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 5

Lab Sample ID: 890-6855-21

Date Collected: 06/27/24 07:35

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:09	06/28/24 22:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:09	06/28/24 22:32	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		06/28/24 10:09	06/28/24 22:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/28/24 10:09	06/28/24 22:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:09	06/28/24 22:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/28/24 10:09	06/28/24 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				06/28/24 10:09	06/28/24 22:32	1
1,4-Difluorobenzene (Surr)	72		70 - 130				06/28/24 10:09	06/28/24 22:32	1

Method: TAL SOP 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			06/28/24 22:32	1

Method: SW846 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			06/28/24 23:21	1

Method: SW846 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		06/28/24 10:47	06/28/24 23:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/28/24 23:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/28/24 23:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				06/28/24 10:47	06/28/24 23:21	1
o-Terphenyl	93		70 - 130				06/28/24 10:47	06/28/24 23:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		5.05		mg/Kg			07/01/24 22:35	1

Client Sample ID: S - 5

Lab Sample ID: 890-6855-22

Date Collected: 06/27/24 07:38

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:09	06/28/24 22:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:09	06/28/24 22:53	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		06/28/24 10:09	06/28/24 22:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 10:09	06/28/24 22:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:09	06/28/24 22:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 10:09	06/28/24 22:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				06/28/24 10:09	06/28/24 22:53	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 5

Lab Sample ID: 890-6855-22

Date Collected: 06/27/24 07:38

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	82		70 - 130	06/28/24 10:09	06/28/24 22:53	1

Method: TAL SOP 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			06/28/24 22:53	1

Method: SW846 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			06/28/24 23:41	1

Method: SW846 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		06/28/24 10:47	06/28/24 23:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 10:47	06/28/24 23:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 10:47	06/28/24 23:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				06/28/24 10:47	06/28/24 23:41	1
o-Terphenyl	96		70 - 130				06/28/24 10:47	06/28/24 23:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	221		5.03		mg/Kg			07/01/24 22:41	1

Client Sample ID: S - 5

Lab Sample ID: 890-6855-23

Date Collected: 06/27/24 07:41

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:09	06/28/24 23:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:09	06/28/24 23:13	1
Ethylbenzene	<0.00202	U *+	0.00202		mg/Kg		06/28/24 10:09	06/28/24 23:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/28/24 10:09	06/28/24 23:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:09	06/28/24 23:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/28/24 10:09	06/28/24 23:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/28/24 10:09	06/28/24 23:13	1
1,4-Difluorobenzene (Surr)	82		70 - 130				06/28/24 10:09	06/28/24 23:13	1

Method: TAL SOP 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			06/28/24 23:13	1

Method: SW846 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			06/29/24 00:02	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 5

Lab Sample ID: 890-6855-23

Date Collected: 06/27/24 07:41

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 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		06/28/24 10:47	06/29/24 00:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/29/24 00:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/29/24 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				06/28/24 10:47	06/29/24 00:02	1
o-Terphenyl	96		70 - 130				06/28/24 10:47	06/29/24 00:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	374		4.99		mg/Kg			07/01/24 23:01	1

Client Sample ID: S - 5

Lab Sample ID: 890-6855-24

Date Collected: 06/27/24 07:44

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/28/24 23:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/28/24 23:34	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		06/28/24 10:09	06/28/24 23:34	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 10:09	06/28/24 23:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/28/24 23:34	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 10:09	06/28/24 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/28/24 10:09	06/28/24 23:34	1
1,4-Difluorobenzene (Surr)	80		70 - 130				06/28/24 10:09	06/28/24 23:34	1

Method: TAL SOP 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			06/28/24 23:34	1

Method: SW846 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			06/29/24 00:22	1

Method: SW846 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		06/28/24 10:47	06/29/24 00:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/29/24 00:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/29/24 00:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				06/28/24 10:47	06/29/24 00:22	1
o-Terphenyl	89		70 - 130				06/28/24 10:47	06/29/24 00:22	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 5

Lab Sample ID: 890-6855-24

Date Collected: 06/27/24 07:44

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	287		5.04		mg/Kg			07/01/24 23:08	1

Client Sample ID: S - 5

Lab Sample ID: 890-6855-25

Date Collected: 06/27/24 07:47

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 4 - 4.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:09	06/28/24 23:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:09	06/28/24 23:54	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		06/28/24 10:09	06/28/24 23:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 10:09	06/28/24 23:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:09	06/28/24 23:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 10:09	06/28/24 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				06/28/24 10:09	06/28/24 23:54	1
1,4-Difluorobenzene (Surr)	75		70 - 130				06/28/24 10:09	06/28/24 23:54	1

Method: TAL SOP 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			06/28/24 23:54	1

Method: SW846 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			06/29/24 01:03	1

Method: SW846 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		06/28/24 10:47	06/29/24 01:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/29/24 01:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/29/24 01:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/28/24 10:47	06/29/24 01:03	1
o-Terphenyl	94		70 - 130				06/28/24 10:47	06/29/24 01:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	420		4.98		mg/Kg			07/01/24 23:14	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 6

Lab Sample ID: 890-6855-26

Date Collected: 06/27/24 07:50

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 00:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 00:15	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		06/28/24 10:09	06/29/24 00:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 10:09	06/29/24 00:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 00:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 10:09	06/29/24 00:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				06/28/24 10:09	06/29/24 00:15	1
1,4-Difluorobenzene (Surr)	82		70 - 130				06/28/24 10:09	06/29/24 00:15	1

Method: TAL SOP 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			06/29/24 00:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/29/24 01:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/28/24 10:47	06/29/24 01:24	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/28/24 10:47	06/29/24 01:24	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/28/24 10:47	06/29/24 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				06/28/24 10:47	06/29/24 01:24	1
o-Terphenyl	81		70 - 130				06/28/24 10:47	06/29/24 01:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.3		4.95		mg/Kg			07/01/24 23:21	1

Client Sample ID: S - 6

Lab Sample ID: 890-6855-27

Date Collected: 06/27/24 07:53

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 1 - 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:09	06/29/24 00:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:09	06/29/24 00:36	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		06/28/24 10:09	06/29/24 00:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/28/24 10:09	06/29/24 00:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/28/24 10:09	06/29/24 00:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/28/24 10:09	06/29/24 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				06/28/24 10:09	06/29/24 00:36	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 6
Date Collected: 06/27/24 07:53
Date Received: 06/27/24 10:54
Sample Depth: 1 - 1.5'

Lab Sample ID: 890-6855-27
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	80		70 - 130				06/28/24 10:09	06/29/24 00:36	1
Method: TAL SOP 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			06/29/24 00:36	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/29/24 01:44	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/28/24 10:47	06/29/24 01:44	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/28/24 10:47	06/29/24 01:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/28/24 10:47	06/29/24 01:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/28/24 10:47	06/29/24 01:44	1
o-Terphenyl	83		70 - 130				06/28/24 10:47	06/29/24 01:44	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.0		4.97		mg/Kg			07/01/24 23:28	1

Client Sample ID: S - 6
Date Collected: 06/27/24 07:56
Date Received: 06/27/24 10:54
Sample Depth: 2 - 2.5'

Lab Sample ID: 890-6855-28
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 00:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 00:56	1
Ethylbenzene	<0.00198	U **	0.00198		mg/Kg		06/28/24 10:09	06/29/24 00:56	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 10:09	06/29/24 00:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 00:56	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 10:09	06/29/24 00:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				06/28/24 10:09	06/29/24 00:56	1
1,4-Difluorobenzene (Surr)	89		70 - 130				06/28/24 10:09	06/29/24 00:56	1
Method: TAL SOP 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			06/29/24 00:56	1
Method: SW846 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			06/29/24 02:04	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 6

Lab Sample ID: 890-6855-28

Date Collected: 06/27/24 07:56

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 2 - 2.5'

Method: SW846 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		06/28/24 10:47	06/29/24 02:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/29/24 02:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/29/24 02:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				06/28/24 10:47	06/29/24 02:04	1
o-Terphenyl	89		70 - 130				06/28/24 10:47	06/29/24 02:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87.4		5.01		mg/Kg			07/01/24 23:35	1

Client Sample ID: S - 6

Lab Sample ID: 890-6855-29

Date Collected: 06/27/24 07:59

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 01:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 01:17	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		06/28/24 10:09	06/29/24 01:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 10:09	06/29/24 01:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 01:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 10:09	06/29/24 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				06/28/24 10:09	06/29/24 01:17	1
1,4-Difluorobenzene (Surr)	86		70 - 130				06/28/24 10:09	06/29/24 01:17	1

Method: TAL SOP 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			06/29/24 01:17	1

Method: SW846 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			06/29/24 02:25	1

Method: SW846 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		06/28/24 10:47	06/29/24 02:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 10:47	06/29/24 02:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 10:47	06/29/24 02:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				06/28/24 10:47	06/29/24 02:25	1
o-Terphenyl	94		70 - 130				06/28/24 10:47	06/29/24 02:25	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 6

Lab Sample ID: 890-6855-29

Date Collected: 06/27/24 07:59

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 3 - 3.5'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197		5.03		mg/Kg			07/01/24 23:41	1

Client Sample ID: S - 6

Lab Sample ID: 890-6855-30

Date Collected: 06/27/24 08:02

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 4 - 4.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 01:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 01:37	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		06/28/24 10:09	06/29/24 01:37	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/28/24 10:09	06/29/24 01:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 01:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/28/24 10:09	06/29/24 01:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				06/28/24 10:09	06/29/24 01:37	1
1,4-Difluorobenzene (Surr)	80		70 - 130				06/28/24 10:09	06/29/24 01:37	1

Method: TAL SOP 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			06/29/24 01:37	1

Method: SW846 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			06/29/24 02:43	1

Method: SW846 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		06/28/24 10:47	06/29/24 02:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/29/24 02:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/29/24 02:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	10	S1-	70 - 130				06/28/24 10:47	06/29/24 02:43	1
o-Terphenyl	10	S1-	70 - 130				06/28/24 10:47	06/29/24 02:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	297	*- #1	4.95		mg/Kg			07/01/24 21:08	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: H - 1

Lab Sample ID: 890-6855-31

Date Collected: 06/27/24 08:05

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:09	06/29/24 03:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:09	06/29/24 03:02	1
Ethylbenzene	<0.00202	U **	0.00202		mg/Kg		06/28/24 10:09	06/29/24 03:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/28/24 10:09	06/29/24 03:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/28/24 10:09	06/29/24 03:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/28/24 10:09	06/29/24 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				06/28/24 10:09	06/29/24 03:02	1
1,4-Difluorobenzene (Surr)	87		70 - 130				06/28/24 10:09	06/29/24 03:02	1

Method: TAL SOP 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			06/29/24 03:02	1

Method: SW846 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			06/29/24 03:50	1

Method: SW846 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		06/28/24 10:47	06/29/24 03:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/28/24 10:47	06/29/24 03:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/28/24 10:47	06/29/24 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				06/28/24 10:47	06/29/24 03:50	1
o-Terphenyl	86		70 - 130				06/28/24 10:47	06/29/24 03:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.7	*- *1	5.05		mg/Kg			07/01/24 21:23	1

Client Sample ID: H - 2

Lab Sample ID: 890-6855-32

Date Collected: 06/27/24 08:08

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:09	06/29/24 03:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:09	06/29/24 03:22	1
Ethylbenzene	<0.00201	U **	0.00201		mg/Kg		06/28/24 10:09	06/29/24 03:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/28/24 10:09	06/29/24 03:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/28/24 10:09	06/29/24 03:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/28/24 10:09	06/29/24 03:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				06/28/24 10:09	06/29/24 03:22	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: H - 2

Lab Sample ID: 890-6855-32

Date Collected: 06/27/24 08:08

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	88		70 - 130	06/28/24 10:09	06/29/24 03:22	1

Method: TAL SOP 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			06/29/24 03:22	1

Method: SW846 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			06/29/24 04:10	1

Method: SW846 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		06/28/24 10:47	06/29/24 04:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/29/24 04:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/29/24 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				06/28/24 10:47	06/29/24 04:10	1
o-Terphenyl	83		70 - 130				06/28/24 10:47	06/29/24 04:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1	*- *1	4.96		mg/Kg			07/01/24 21:29	1

Client Sample ID: H - 3

Lab Sample ID: 890-6855-33

Date Collected: 06/27/24 08:11

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 03:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 03:43	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		06/28/24 10:09	06/29/24 03:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 10:09	06/29/24 03:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 03:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 10:09	06/29/24 03:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	06/28/24 10:09	06/29/24 03:43	1
1,4-Difluorobenzene (Surr)	89		70 - 130	06/28/24 10:09	06/29/24 03:43	1

Method: TAL SOP 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			06/29/24 03:43	1

Method: SW846 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			06/29/24 04:31	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: H - 3
Date Collected: 06/27/24 08:11
Date Received: 06/27/24 10:54
Sample Depth: 0 - 6"

Lab Sample ID: 890-6855-33
Matrix: Solid

Method: SW846 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		06/28/24 10:47	06/29/24 04:31	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/29/24 04:31	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/28/24 10:47	06/29/24 04:31	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	81		70 - 130				06/28/24 10:47	06/29/24 04:31	1	
o-Terphenyl	81		70 - 130				06/28/24 10:47	06/29/24 04:31	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	238	*- *1	5.00		mg/Kg			07/01/24 21:34	1	

Client Sample ID: H - 4
Date Collected: 06/27/24 08:14
Date Received: 06/27/24 10:54
Sample Depth: 0 - 6"

Lab Sample ID: 890-6855-34
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 04:03	1	
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 04:03	1	
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		06/28/24 10:09	06/29/24 04:03	1	
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 10:09	06/29/24 04:03	1	
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 04:03	1	
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 10:09	06/29/24 04:03	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	95		70 - 130				06/28/24 10:09	06/29/24 04:03	1	
1,4-Difluorobenzene (Surr)	85		70 - 130				06/28/24 10:09	06/29/24 04:03	1	

Method: TAL SOP 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			06/29/24 04:03	1	

Method: SW846 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			06/29/24 04:52	1	

Method: SW846 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		06/28/24 10:47	06/29/24 04:52	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/29/24 04:52	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/29/24 04:52	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	80		70 - 130				06/28/24 10:47	06/29/24 04:52	1	
o-Terphenyl	80		70 - 130				06/28/24 10:47	06/29/24 04:52	1	

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: H - 4

Lab Sample ID: 890-6855-34

Date Collected: 06/27/24 08:14

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.0	*- *1	4.96		mg/Kg			07/01/24 21:39	1

Client Sample ID: H - 5

Lab Sample ID: 890-6855-35

Date Collected: 06/27/24 08:17

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 04:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 04:24	1
Ethylbenzene	<0.00200	U *+	0.00200		mg/Kg		06/28/24 10:09	06/29/24 04:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 10:09	06/29/24 04:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 04:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 10:09	06/29/24 04:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				06/28/24 10:09	06/29/24 04:24	1
1,4-Difluorobenzene (Surr)	81		70 - 130				06/28/24 10:09	06/29/24 04:24	1

Method: TAL SOP 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			06/29/24 04:24	1

Method: SW846 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			06/28/24 20:36	1

Method: SW846 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 F2	49.8		mg/Kg		06/27/24 14:33	06/28/24 20:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1 F2	49.8		mg/Kg		06/27/24 14:33	06/28/24 20:36	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/27/24 14:33	06/28/24 20:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	47	S1-	70 - 130				06/27/24 14:33	06/28/24 20:36	1
o-Terphenyl	44	S1-	70 - 130				06/27/24 14:33	06/28/24 20:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.7	*- *1	4.97		mg/Kg			07/01/24 21:55	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: H - 6

Lab Sample ID: 890-6855-36

Date Collected: 06/27/24 08:20

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 04:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 04:44	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		06/28/24 10:09	06/29/24 04:44	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/28/24 10:09	06/29/24 04:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/28/24 10:09	06/29/24 04:44	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/28/24 10:09	06/29/24 04:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				06/28/24 10:09	06/29/24 04:44	1
1,4-Difluorobenzene (Surr)	79		70 - 130				06/28/24 10:09	06/29/24 04:44	1

Method: TAL SOP 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			06/29/24 04:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			06/28/24 21:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		06/27/24 14:33	06/28/24 21:38	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		06/27/24 14:33	06/28/24 21:38	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		06/27/24 14:33	06/28/24 21:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				06/27/24 14:33	06/28/24 21:38	1
o-Terphenyl	75		70 - 130				06/27/24 14:33	06/28/24 21:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	373	*- *1	5.00		mg/Kg			07/01/24 22:00	1

Client Sample ID: H - 7

Lab Sample ID: 890-6855-37

Date Collected: 06/27/24 08:23

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 05:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 05:05	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		06/28/24 10:09	06/29/24 05:05	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/28/24 10:09	06/29/24 05:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/29/24 05:05	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/28/24 10:09	06/29/24 05:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				06/28/24 10:09	06/29/24 05:05	1

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Client Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: H - 7

Lab Sample ID: 890-6855-37

Date Collected: 06/27/24 08:23

Matrix: Solid

Date Received: 06/27/24 10:54

Sample Depth: 0 - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	82		70 - 130	06/28/24 10:09	06/29/24 05:05	1

Method: TAL SOP 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			06/29/24 05:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			06/28/24 21:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		06/27/24 14:33	06/28/24 21:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		06/27/24 14:33	06/28/24 21:59	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		06/27/24 14:33	06/28/24 21:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				06/27/24 14:33	06/28/24 21:59	1
o-Terphenyl	68	S1-	70 - 130				06/27/24 14:33	06/28/24 21:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	495	*- *1	5.02		mg/Kg			07/01/24 22:05	1

Surrogate Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)**Matrix: Solid****Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-6855-1	S - 1	112	86
890-6855-1 MS	S - 1	118	97
890-6855-1 MSD	S - 1	109	94
890-6855-2	S - 1	111	92
890-6855-3	S - 1	117	88
890-6855-4	S - 1	115	92
890-6855-5	S - 1	124	98
890-6855-6	S - 2	69 S1-	100
890-6855-7	S - 2	112	91
890-6855-8	S - 2	126	92
890-6855-9	S - 2	110	96
890-6855-10	S - 2	112	98
890-6855-11	S - 3	108	91
890-6855-12	S - 3	108	90
890-6855-13	S - 3	106	91
890-6855-14	S - 3	107	90
890-6855-15	S - 3	108	91
890-6855-15 MS	S - 3	103	94
890-6855-15 MSD	S - 3	102	94
890-6855-16	S - 4	108	90
890-6855-17	S - 4	106	90
890-6855-18	S - 4	107	91
890-6855-19	S - 4	107	90
890-6855-20	S - 4	112	89
890-6855-21	S - 5	86	72
890-6855-21 MS	S - 5	120	91
890-6855-21 MSD	S - 5	98	101
890-6855-22	S - 5	95	82
890-6855-23	S - 5	105	82
890-6855-24	S - 5	103	80
890-6855-25	S - 5	99	75
890-6855-26	S - 6	85	82
890-6855-27	S - 6	90	80
890-6855-28	S - 6	93	89
890-6855-29	S - 6	93	86
890-6855-30	S - 6	101	80
890-6855-31	H - 1	86	87
890-6855-32	H - 2	89	88
890-6855-33	H - 3	92	89
890-6855-34	H - 4	95	85
890-6855-35	H - 5	98	81
890-6855-36	H - 6	91	79
890-6855-37	H - 7	97	82
890-6858-A-41-A MS	Matrix Spike	102	91
890-6858-A-41-B MSD	Matrix Spike Duplicate	103	93
LCS 880-84468/1-A	Lab Control Sample	100	105
LCS 880-84469/1-A	Lab Control Sample	111	98
LCS 880-84632/1-A	Lab Control Sample	103	93
LCS 880-84640/1-A	Lab Control Sample	105	91

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Surrogate Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
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)
LCSD 880-84468/2-A	Lab Control Sample Dup	111	105
LCSD 880-84469/2-A	Lab Control Sample Dup	112	103
LCSD 880-84632/2-A	Lab Control Sample Dup	102	93
LCSD 880-84640/2-A	Lab Control Sample Dup	103	93
MB 880-84341/5-A	Method Blank	68 S1-	103
MB 880-84412/5-A	Method Blank	78	87
MB 880-84468/5-A	Method Blank	72	91
MB 880-84469/5-A	Method Blank	70	100
MB 880-84488/5-A	Method Blank	105	85
MB 880-84632/5-A	Method Blank	107	86
MB 880-84640/5-A	Method Blank	103	88
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-45381-A-1-D MS	Matrix Spike	87	78
880-45381-A-1-E MSD	Matrix Spike Duplicate	87	78
890-6854-A-6-E MS	Matrix Spike	98	96
890-6854-A-6-F MSD	Matrix Spike Duplicate	100	99
890-6855-1	S - 1	97	104
890-6855-2	S - 1	99	105
890-6855-3	S - 1	90	97
890-6855-3 MS	S - 1	90	89
890-6855-3 MSD	S - 1	89	88
890-6855-4	S - 1	108	115
890-6855-5	S - 1	124	134 S1+
890-6855-6	S - 2	80	88
890-6855-7	S - 2	98	102
890-6855-8	S - 2	96	102
890-6855-9	S - 2	99	110
890-6855-10	S - 2	107	117
890-6855-11	S - 3	103	109
890-6855-12	S - 3	163 S1+	177 S1+
890-6855-13	S - 3	100	110
890-6855-14	S - 3	93	104
890-6855-15	S - 3	102	111
890-6855-16	S - 4	98	105
890-6855-17	S - 4	90	100
890-6855-18	S - 4	95	106
890-6855-19	S - 4	87	91
890-6855-20	S - 4	96	100
890-6855-21	S - 5	91	93
890-6855-22	S - 5	93	96
890-6855-23	S - 5	91	96

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Surrogate Summary

Client: NT Global

Job ID: 890-6855-1

Project/Site: MILLS RISER RANCH

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)
890-6855-24	S - 5	84	89
890-6855-25	S - 5	89	94
890-6855-26	S - 6	79	81
890-6855-27	S - 6	81	83
890-6855-28	S - 6	83	89
890-6855-29	S - 6	89	94
890-6855-30	S - 6	10 S1-	10 S1-
890-6855-31	H - 1	87	86
890-6855-32	H - 2	81	83
890-6855-33	H - 3	81	81
890-6855-34	H - 4	80	80
890-6855-35	H - 5	47 S1-	44 S1-
890-6855-35 MS	H - 5	46 S1-	41 S1-
890-6855-35 MSD	H - 5	63 S1-	58 S1-
890-6855-36	H - 6	73	75
890-6855-37	H - 7	64 S1-	68 S1-
LCS 880-84377/2-A	Lab Control Sample	95	96
LCS 880-84444/2-A	Lab Control Sample	129	128
LCS 880-84446/2-A	Lab Control Sample	81	83
LCS 880-84474/2-A	Lab Control Sample	122	113
LCSD 880-84377/3-A	Lab Control Sample Dup	97	100
LCSD 880-84444/3-A	Lab Control Sample Dup	123	131 S1+
LCSD 880-84446/3-A	Lab Control Sample Dup	97	99
LCSD 880-84474/3-A	Lab Control Sample Dup	122	117
MB 880-84377/1-A	Method Blank	129	141 S1+
MB 880-84444/1-A	Method Blank	159 S1+	179 S1+
MB 880-84446/1-A	Method Blank	139 S1+	152 S1+
MB 880-84474/1-A	Method Blank	145 S1+	151 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-84341/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84449							Prep Batch: 84341		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/27/24 09:47	06/28/24 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/27/24 09:47	06/28/24 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/27/24 09:47	06/28/24 12:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/27/24 09:47	06/28/24 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/27/24 09:47	06/28/24 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/27/24 09:47	06/28/24 12:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130				06/27/24 09:47	06/28/24 12:03	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/27/24 09:47	06/28/24 12:03	1

Lab Sample ID: MB 880-84412/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84451							Prep Batch: 84412		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/27/24 16:42	06/28/24 11:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/27/24 16:42	06/28/24 11:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/27/24 16:42	06/28/24 11:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/27/24 16:42	06/28/24 11:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/27/24 16:42	06/28/24 11:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/27/24 16:42	06/28/24 11:23	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				06/27/24 16:42	06/28/24 11:23	1
1,4-Difluorobenzene (Surr)	87		70 - 130				06/27/24 16:42	06/28/24 11:23	1

Lab Sample ID: MB 880-84468/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84451							Prep Batch: 84468		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/28/24 22:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/28/24 22:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/28/24 22:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 10:09	06/28/24 22:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:09	06/28/24 22:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 10:09	06/28/24 22:10	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130				06/28/24 10:09	06/28/24 22:10	1
1,4-Difluorobenzene (Surr)	91		70 - 130				06/28/24 10:09	06/28/24 22:10	1

QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-84468/1-A

Matrix: Solid

Analysis Batch: 84451

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84468

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1111		mg/Kg		111	70 - 130
Toluene	0.100	0.1023		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1200		mg/Kg		120	70 - 130
m-Xylene & p-Xylene	0.200	0.2246		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1048		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-84468/2-A

Matrix: Solid

Analysis Batch: 84451

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84468

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1115		mg/Kg		112	70 - 130	0	35
Toluene	0.100	0.1072		mg/Kg		107	70 - 130	5	35
Ethylbenzene	0.100	0.1319	*+	mg/Kg		132	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2462		mg/Kg		123	70 - 130	9	35
o-Xylene	0.100	0.1156		mg/Kg		116	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-6855-21 MS

Matrix: Solid

Analysis Batch: 84451

Client Sample ID: S - 5

Prep Type: Total/NA

Prep Batch: 84468

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.09843		mg/Kg		99	70 - 130
Toluene	<0.00199	U	0.0996	0.09677		mg/Kg		97	70 - 130
Ethylbenzene	<0.00199	U *+	0.0996	0.1277		mg/Kg		128	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2290		mg/Kg		115	70 - 130
o-Xylene	<0.00199	U	0.0996	0.1087		mg/Kg		109	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 890-6855-21 MSD

Matrix: Solid

Analysis Batch: 84451

Client Sample ID: S - 5

Prep Type: Total/NA

Prep Batch: 84468

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09307		mg/Kg		92	70 - 130	6	35
Toluene	<0.00199	U	0.101	0.08590		mg/Kg		85	70 - 130	12	35
Ethylbenzene	<0.00199	U *+	0.101	0.09514		mg/Kg		94	70 - 130	29	35

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QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: 890-6855-21 MSD
Matrix: Solid
Analysis Batch: 84451

Client Sample ID: S - 5
Prep Type: Total/NA
Prep Batch: 84468

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1713		mg/Kg		85	70 - 130	29	35
o-Xylene	<0.00199	U	0.101	0.08088		mg/Kg		80	70 - 130	29	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	98		70 - 130								
1,4-Difluorobenzene (Surr)	101		70 - 130								

Lab Sample ID: MB 880-84469/5-A
Matrix: Solid
Analysis Batch: 84449

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84469

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 02:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 02:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 02:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 10:11	06/29/24 02:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 10:11	06/29/24 02:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 10:11	06/29/24 02:02	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	70		70 - 130				06/28/24 10:11	06/29/24 02:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/28/24 10:11	06/29/24 02:02	1

Lab Sample ID: LCS 880-84469/1-A
Matrix: Solid
Analysis Batch: 84449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	RPD	RPD Limit
							Limits		
Benzene	0.100	0.1033		mg/Kg		103	70 - 130		
Toluene	0.100	0.09421		mg/Kg		94	70 - 130		
Ethylbenzene	0.100	0.09093		mg/Kg		91	70 - 130		
m-Xylene & p-Xylene	0.200	0.1851		mg/Kg		93	70 - 130		
o-Xylene	0.100	0.09394		mg/Kg		94	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	111		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: LCSD 880-84469/2-A
Matrix: Solid
Analysis Batch: 84449

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84469

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1158		mg/Kg		116	70 - 130	11	35
Toluene	0.100	0.1006		mg/Kg		101	70 - 130	7	35
Ethylbenzene	0.100	0.09947		mg/Kg		99	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2019		mg/Kg		101	70 - 130	9	35
o-Xylene	0.100	0.1014		mg/Kg		101	70 - 130	8	35

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QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

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

Lab Sample ID: 890-6855-1 MS
Matrix: Solid
Analysis Batch: 84449

Client Sample ID: S - 1
Prep Type: Total/NA
Prep Batch: 84469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.1027		mg/Kg		103	70 - 130
Toluene	<0.00199	U	0.0996	0.08518		mg/Kg		86	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.07891		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1569		mg/Kg		79	70 - 130
o-Xylene	<0.00199	U	0.0996	0.07609		mg/Kg		76	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-6855-1 MSD
Matrix: Solid
Analysis Batch: 84449

Client Sample ID: S - 1
Prep Type: Total/NA
Prep Batch: 84469

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00199	U	0.101	0.08892		mg/Kg		88	70 - 130	14	35
Toluene	<0.00199	U	0.101	0.07806		mg/Kg		77	70 - 130	9	35
Ethylbenzene	<0.00199	U	0.101	0.07358		mg/Kg		73	70 - 130	7	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1482		mg/Kg		74	70 - 130	6	35
o-Xylene	<0.00199	U	0.101	0.07295		mg/Kg		72	70 - 130	4	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-84488/5-A
Matrix: Solid
Analysis Batch: 84448

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84488

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:03	06/29/24 09:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:03	06/29/24 09:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:03	06/29/24 09:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/28/24 11:03	06/29/24 09:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/28/24 11:03	06/29/24 09:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/28/24 11:03	06/29/24 09:16	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	105		70 - 130	06/28/24 11:03	06/29/24 09:16	1			
1,4-Difluorobenzene (Surr)	85		70 - 130	06/28/24 11:03	06/29/24 09:16	1			

QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: MB 880-84632/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84448							Prep Batch: 84632		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 20:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 20:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 20:13	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		06/29/24 13:39	06/29/24 20:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/29/24 13:39	06/29/24 20:13	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		06/29/24 13:39	06/29/24 20:13	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				06/29/24 13:39	06/29/24 20:13	1
1,4-Difluorobenzene (Surr)	86		70 - 130				06/29/24 13:39	06/29/24 20:13	1

Lab Sample ID: LCS 880-84632/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84448							Prep Batch: 84632		
Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene		0.100	0.1043		mg/Kg		104	70 - 130	
Toluene		0.100	0.09789		mg/Kg		98	70 - 130	
Ethylbenzene		0.100	0.09366		mg/Kg		94	70 - 130	
m-Xylene & p-Xylene		0.200	0.2050		mg/Kg		102	70 - 130	
o-Xylene		0.100	0.1025		mg/Kg		102	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	93		70 - 130						

Lab Sample ID: LCSD 880-84632/2-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 84448							Prep Batch: 84632			
Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene		0.100	0.1025		mg/Kg		103	70 - 130	2	35
Toluene		0.100	0.09583		mg/Kg		96	70 - 130	2	35
Ethylbenzene		0.100	0.09150		mg/Kg		91	70 - 130	2	35
m-Xylene & p-Xylene		0.200	0.1993		mg/Kg		100	70 - 130	3	35
o-Xylene		0.100	0.09986		mg/Kg		100	70 - 130	3	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
4-Bromofluorobenzene (Surr)	102		70 - 130							
1,4-Difluorobenzene (Surr)	93		70 - 130							

Lab Sample ID: 890-6858-A-41-A MS							Client Sample ID: Matrix Spike		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 84448							Prep Batch: 84632		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.09000		mg/Kg		90	70 - 130
Toluene	<0.00199	U	0.0996	0.08217		mg/Kg		83	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: 890-6858-A-41-A MS

Matrix: Solid

Analysis Batch: 84448

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 84632

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U	0.0996	0.07589		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1640		mg/Kg		82	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08183		mg/Kg		82	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 890-6858-A-41-B MSD

Matrix: Solid

Analysis Batch: 84448

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 84632

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09621		mg/Kg		95	70 - 130	7	35
Toluene	<0.00199	U	0.101	0.08771		mg/Kg		87	70 - 130	7	35
Ethylbenzene	<0.00199	U	0.101	0.08103		mg/Kg		80	70 - 130	7	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1744		mg/Kg		87	70 - 130	6	35
o-Xylene	<0.00199	U	0.101	0.08694		mg/Kg		86	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-84640/5-A

Matrix: Solid

Analysis Batch: 84639

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84640

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/24 18:35	06/30/24 21:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/24 18:35	06/30/24 21:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/24 18:35	06/30/24 21:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/30/24 18:35	06/30/24 21:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/24 18:35	06/30/24 21:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/30/24 18:35	06/30/24 21:19	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/30/24 18:35	06/30/24 21:19	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/30/24 18:35	06/30/24 21:19	1

Lab Sample ID: LCS 880-84640/1-A

Matrix: Solid

Analysis Batch: 84639

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1048		mg/Kg		105	70 - 130
Toluene	0.100	0.1028		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09994		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2149		mg/Kg		107	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-84640/1-A

Matrix: Solid

Analysis Batch: 84639

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1071		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: LCSD 880-84640/2-A

Matrix: Solid

Analysis Batch: 84639

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 84640

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1023		mg/Kg		102	70 - 130	2	35
Toluene	0.100	0.09916		mg/Kg		99	70 - 130	4	35
Ethylbenzene	0.100	0.09632		mg/Kg		96	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2067		mg/Kg		103	70 - 130	4	35
o-Xylene	0.100	0.1032		mg/Kg		103	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-6855-15 MS

Matrix: Solid

Analysis Batch: 84639

Client Sample ID: S - 3

Prep Type: Total/NA

Prep Batch: 84640

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.1058		mg/Kg		106	70 - 130
Toluene	<0.00199	U	0.0996	0.1028		mg/Kg		103	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.09978		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2140		mg/Kg		107	70 - 130
o-Xylene	<0.00199	U	0.0996	0.1069		mg/Kg		107	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 890-6855-15 MSD

Matrix: Solid

Analysis Batch: 84639

Client Sample ID: S - 3

Prep Type: Total/NA

Prep Batch: 84640

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.1037		mg/Kg		103	70 - 130	2	35
Toluene	<0.00199	U	0.101	0.1005		mg/Kg		100	70 - 130	2	35
Ethylbenzene	<0.00199	U	0.101	0.09733		mg/Kg		97	70 - 130	2	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.2086		mg/Kg		103	70 - 130	3	35
o-Xylene	<0.00199	U	0.101	0.1042		mg/Kg		103	70 - 130	3	35

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QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: 890-6855-15 MSD
Matrix: Solid
Analysis Batch: 84639

Client Sample ID: S - 3
Prep Type: Total/NA
Prep Batch: 84640

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-84377/1-A
Matrix: Solid
Analysis Batch: 84437

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84377

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/27/24 14:33	06/28/24 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/27/24 14:33	06/28/24 19:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/27/24 14:33	06/28/24 19:33	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	129		70 - 130				06/27/24 14:33	06/28/24 19:33	1
o-Terphenyl	141	S1+	70 - 130				06/27/24 14:33	06/28/24 19:33	1

Lab Sample ID: LCS 880-84377/2-A
Matrix: Solid
Analysis Batch: 84437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84377

Analyte			Spike	LCS	LCS				%Rec		
			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	967.7		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	959.2		mg/Kg		96	70 - 130		

Lab Sample ID: LCSD 880-84377/3-A
Matrix: Solid
Analysis Batch: 84437

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84377

Analyte			Spike	LCSD	LCSD				%Rec	RPD	
			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	877.0		mg/Kg		88	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	847.0		mg/Kg		85	70 - 130	12	20
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane	97		70 - 130								
o-Terphenyl	100		70 - 130								

QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: 890-6855-35 MS

Matrix: Solid

Analysis Batch: 84437

Client Sample ID: H - 5

Prep Type: Total/NA

Prep Batch: 84377

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F2	999	710.9		mg/Kg		70	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U F1 F2	999	362.6	F1	mg/Kg		36	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	46	S1-	70 - 130								
o-Terphenyl	41	S1-	70 - 130								

Lab Sample ID: 890-6855-35 MSD

Matrix: Solid

Analysis Batch: 84437

Client Sample ID: H - 5

Prep Type: Total/NA

Prep Batch: 84377

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F2	999	919.2	F2	mg/Kg		91	70 - 130	26	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1 F2	999	510.0	F1 F2	mg/Kg		51	70 - 130	34	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	63	S1-	70 - 130								
o-Terphenyl	58	S1-	70 - 130								

Lab Sample ID: MB 880-84444/1-A

Matrix: Solid

Analysis Batch: 84622

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 84444

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/28/24 08:15	06/29/24 08:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:15	06/29/24 08:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:15	06/29/24 08:20	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane	159	S1+	70 - 130				06/28/24 08:15	06/29/24 08:20	1
o-Terphenyl	179	S1+	70 - 130				06/28/24 08:15	06/29/24 08:20	1

Lab Sample ID: LCS 880-84444/2-A

Matrix: Solid

Analysis Batch: 84622

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 84444

Analyte	Spike	LCS	Unit	D	%Rec	%Rec
	Added	Result				Qualifier
Gasoline Range Organics (GRO)-C6-C10	1000	1085	mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1058	mg/Kg		106	70 - 130

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QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: LCS 880-84444/2-A
Matrix: Solid
Analysis Batch: 84622

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84444

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	128		70 - 130

Lab Sample ID: LCSD 880-84444/3-A
Matrix: Solid
Analysis Batch: 84622

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 84444

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1029		mg/Kg		103	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1006		mg/Kg		101	70 - 130	5	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	131	S1+	70 - 130

Lab Sample ID: 890-6854-A-6-E MS
Matrix: Solid
Analysis Batch: 84622

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 84444

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	994	1052		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U F1	994	594.4	F1	mg/Kg		58	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	96		70 - 130

Lab Sample ID: 890-6854-A-6-F MSD
Matrix: Solid
Analysis Batch: 84622

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 84444

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	994	1096		mg/Kg		106	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	994	621.8	F1	mg/Kg		61	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	99		70 - 130

QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: MB 880-84446/1-A							Client Sample ID: Method Blank			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 84620							Prep Batch: 84446			
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		06/28/24 08:19	06/29/24 08:20	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 08:20	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 08:19	06/29/24 08:20	1	
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	139	S1+	70 - 130				06/28/24 08:19	06/29/24 08:20	1	
o-Terphenyl	152	S1+	70 - 130				06/28/24 08:19	06/29/24 08:20	1	

Lab Sample ID: LCS 880-84446/2-A							Client Sample ID: Lab Control Sample			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 84620							Prep Batch: 84446			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10			1000	894.3		mg/Kg		89	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	812.8		mg/Kg		81	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits							
1-Chlorooctane	81		70 - 130							
o-Terphenyl	83		70 - 130							

Lab Sample ID: LCSD 880-84446/3-A							Client Sample ID: Lab Control Sample Dup			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 84620							Prep Batch: 84446			
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	876.2		mg/Kg		88	70 - 130	2 20
Diesel Range Organics (Over C10-C28)			1000	870.8		mg/Kg		87	70 - 130	7 20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits							
1-Chlorooctane	97		70 - 130							
o-Terphenyl	99		70 - 130							

Lab Sample ID: 890-6855-3 MS							Client Sample ID: S - 1			
Matrix: Solid							Prep Type: Total/NA			
Analysis Batch: 84620							Prep Batch: 84446			
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	999	1002		mg/Kg		97	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	564.5	F1	mg/Kg		57	70 - 130	

QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: 890-6855-3 MS
Matrix: Solid
Analysis Batch: 84620

Client Sample ID: S - 1
Prep Type: Total/NA
Prep Batch: 84446

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

Lab Sample ID: 890-6855-3 MSD
Matrix: Solid
Analysis Batch: 84620

Client Sample ID: S - 1
Prep Type: Total/NA
Prep Batch: 84446

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	999	994.2		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	567.3	F1	mg/Kg		57	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	89		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: MB 880-84474/1-A
Matrix: Solid
Analysis Batch: 84435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 84474

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		06/28/24 10:47	06/28/24 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/28/24 19:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/28/24 10:47	06/28/24 19:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				06/28/24 10:47	06/28/24 19:33	1
o-Terphenyl	151	S1+	70 - 130				06/28/24 10:47	06/28/24 19:33	1

Lab Sample ID: LCS 880-84474/2-A
Matrix: Solid
Analysis Batch: 84435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 84474

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	949.5		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	951.8		mg/Kg		95	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	122		70 - 130				
o-Terphenyl	113		70 - 130				

QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Lab Sample ID: LCSD 880-84474/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 84435				Prep Batch: 84474							
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	950.6		mg/Kg		95	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	938.2		mg/Kg		94	70 - 130	1	20
LCSD LCSD											
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	122		70 - 130								
o-Terphenyl	117		70 - 130								

Lab Sample ID: 880-45381-A-1-D MS				Client Sample ID: Matrix Spike							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 84435				Prep Batch: 84474							
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	968.8		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	53.0	F1	999	534.1	F1	mg/Kg		48	70 - 130		
MS MS											
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	78		70 - 130								

Lab Sample ID: 880-45381-A-1-E MSD				Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid				Prep Type: Total/NA							
Analysis Batch: 84435				Prep Batch: 84474							
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	988.4		mg/Kg		96	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	53.0	F1	999	536.8	F1	mg/Kg		48	70 - 130	1	20
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	78		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-84475/1-A				Client Sample ID: Method Blank							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 84671											
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	<5.00	U	5.00		mg/Kg			07/01/24 14:14	1		

QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-84475/2-A Matrix: Solid Analysis Batch: 84671											Client Sample ID: Lab Control Sample Prep Type: Soluble			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits					
Chloride			250	258.6		mg/Kg		103	90 - 110					
Lab Sample ID: LCSD 880-84475/3-A Matrix: Solid Analysis Batch: 84671											Client Sample ID: Lab Control Sample Dup Prep Type: Soluble			
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD				
Chloride			250	259.3		mg/Kg		104	90 - 110	0			20	
Lab Sample ID: 890-6854-A-11-D MS Matrix: Solid Analysis Batch: 84671											Client Sample ID: Matrix Spike Prep Type: Soluble			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits					
Chloride	1230		249	1476	4	mg/Kg		97	90 - 110					
Lab Sample ID: 890-6854-A-11-E MSD Matrix: Solid Analysis Batch: 84671											Client Sample ID: Matrix Spike Duplicate Prep Type: Soluble			
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD				
Chloride	1230		249	1481	4	mg/Kg		99	90 - 110	0			20	
Lab Sample ID: MB 880-84476/1-A Matrix: Solid Analysis Batch: 84674											Client Sample ID: Method Blank Prep Type: Soluble			
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed		Dil Fac				
Chloride	<5.00	U	5.00		mg/Kg			07/01/24 20:22		1				
Lab Sample ID: LCS 880-84476/2-A Matrix: Solid Analysis Batch: 84674											Client Sample ID: Lab Control Sample Prep Type: Soluble			
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits					
Chloride			250	254.2		mg/Kg		102	90 - 110					
Lab Sample ID: LCSD 880-84476/3-A Matrix: Solid Analysis Batch: 84674											Client Sample ID: Lab Control Sample Dup Prep Type: Soluble			
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD				
Chloride			250	254.1		mg/Kg		102	90 - 110	0			20	
Lab Sample ID: 890-6855-10 MS Matrix: Solid Analysis Batch: 84674											Client Sample ID: S - 2 Prep Type: Soluble			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits					
Chloride	214	F1	250	541.0	F1	mg/Kg		131	90 - 110					

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QC Sample Results

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-6855-10 MSD Matrix: Solid Analysis Batch: 84674										Client Sample ID: S - 2 Prep Type: Soluble		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	214	F1	250	547.4	F1	mg/Kg		134	90 - 110	1	20	
Lab Sample ID: 890-6855-20 MS Matrix: Solid Analysis Batch: 84674										Client Sample ID: S - 4 Prep Type: Soluble		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	131	F1	250	336.0	F1	mg/Kg		82	90 - 110			
Lab Sample ID: 890-6855-20 MSD Matrix: Solid Analysis Batch: 84674										Client Sample ID: S - 4 Prep Type: Soluble		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	131	F1	250	336.0	F1	mg/Kg		82	90 - 110	0	20	
Lab Sample ID: MB 880-84481/1-A Matrix: Solid Analysis Batch: 84677										Client Sample ID: Method Blank Prep Type: Soluble		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
Chloride	<5.00	U	5.00		mg/Kg			07/01/24 20:47	1			
Lab Sample ID: LCS 880-84481/2-A Matrix: Solid Analysis Batch: 84677										Client Sample ID: Lab Control Sample Prep Type: Soluble		
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride			250	259.2		mg/Kg		104	90 - 110			
Lab Sample ID: LCSD 880-84481/3-A Matrix: Solid Analysis Batch: 84677										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	<5.00	U *- *1	mg/Kg		0	90 - 110	200	20	
Lab Sample ID: 890-6855-30 MS Matrix: Solid Analysis Batch: 84677										Client Sample ID: S - 6 Prep Type: Soluble		
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	297	*- *1	248	528.0		mg/Kg		93	90 - 110			
Lab Sample ID: 890-6855-30 MSD Matrix: Solid Analysis Batch: 84677										Client Sample ID: S - 6 Prep Type: Soluble		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	297	*- *1	248	529.7		mg/Kg		94	90 - 110	0	20	

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QC Association Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

GC VOA

Prep Batch: 84341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-84341/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 84412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-84412/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 84448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-11	S - 3	Total/NA	Solid	8021B	84632
890-6855-12	S - 3	Total/NA	Solid	8021B	84632
890-6855-13	S - 3	Total/NA	Solid	8021B	84632
890-6855-14	S - 3	Total/NA	Solid	8021B	84632
MB 880-84488/5-A	Method Blank	Total/NA	Solid	8021B	84488
MB 880-84632/5-A	Method Blank	Total/NA	Solid	8021B	84632
LCS 880-84632/1-A	Lab Control Sample	Total/NA	Solid	8021B	84632
LCSD 880-84632/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84632
890-6858-A-41-A MS	Matrix Spike	Total/NA	Solid	8021B	84632
890-6858-A-41-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	84632

Analysis Batch: 84449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-1	S - 1	Total/NA	Solid	8021B	84469
890-6855-2	S - 1	Total/NA	Solid	8021B	84469
890-6855-3	S - 1	Total/NA	Solid	8021B	84469
890-6855-4	S - 1	Total/NA	Solid	8021B	84469
890-6855-5	S - 1	Total/NA	Solid	8021B	84469
890-6855-6	S - 2	Total/NA	Solid	8021B	84469
890-6855-7	S - 2	Total/NA	Solid	8021B	84469
890-6855-8	S - 2	Total/NA	Solid	8021B	84469
890-6855-9	S - 2	Total/NA	Solid	8021B	84469
890-6855-10	S - 2	Total/NA	Solid	8021B	84469
MB 880-84341/5-A	Method Blank	Total/NA	Solid	8021B	84341
MB 880-84469/5-A	Method Blank	Total/NA	Solid	8021B	84469
LCS 880-84469/1-A	Lab Control Sample	Total/NA	Solid	8021B	84469
LCSD 880-84469/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84469
890-6855-1 MS	S - 1	Total/NA	Solid	8021B	84469
890-6855-1 MSD	S - 1	Total/NA	Solid	8021B	84469

Analysis Batch: 84451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-21	S - 5	Total/NA	Solid	8021B	84468
890-6855-22	S - 5	Total/NA	Solid	8021B	84468
890-6855-23	S - 5	Total/NA	Solid	8021B	84468
890-6855-24	S - 5	Total/NA	Solid	8021B	84468
890-6855-25	S - 5	Total/NA	Solid	8021B	84468
890-6855-26	S - 6	Total/NA	Solid	8021B	84468
890-6855-27	S - 6	Total/NA	Solid	8021B	84468
890-6855-28	S - 6	Total/NA	Solid	8021B	84468
890-6855-29	S - 6	Total/NA	Solid	8021B	84468
890-6855-30	S - 6	Total/NA	Solid	8021B	84468
890-6855-31	H - 1	Total/NA	Solid	8021B	84468

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QC Association Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

GC VOA (Continued)

Analysis Batch: 84451 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-32	H - 2	Total/NA	Solid	8021B	84468
890-6855-33	H - 3	Total/NA	Solid	8021B	84468
890-6855-34	H - 4	Total/NA	Solid	8021B	84468
890-6855-35	H - 5	Total/NA	Solid	8021B	84468
890-6855-36	H - 6	Total/NA	Solid	8021B	84468
890-6855-37	H - 7	Total/NA	Solid	8021B	84468
MB 880-84412/5-A	Method Blank	Total/NA	Solid	8021B	84412
MB 880-84468/5-A	Method Blank	Total/NA	Solid	8021B	84468
LCS 880-84468/1-A	Lab Control Sample	Total/NA	Solid	8021B	84468
LCSD 880-84468/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84468
890-6855-21 MS	S - 5	Total/NA	Solid	8021B	84468
890-6855-21 MSD	S - 5	Total/NA	Solid	8021B	84468

Prep Batch: 84468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-21	S - 5	Total/NA	Solid	5035	
890-6855-22	S - 5	Total/NA	Solid	5035	
890-6855-23	S - 5	Total/NA	Solid	5035	
890-6855-24	S - 5	Total/NA	Solid	5035	
890-6855-25	S - 5	Total/NA	Solid	5035	
890-6855-26	S - 6	Total/NA	Solid	5035	
890-6855-27	S - 6	Total/NA	Solid	5035	
890-6855-28	S - 6	Total/NA	Solid	5035	
890-6855-29	S - 6	Total/NA	Solid	5035	
890-6855-30	S - 6	Total/NA	Solid	5035	
890-6855-31	H - 1	Total/NA	Solid	5035	
890-6855-32	H - 2	Total/NA	Solid	5035	
890-6855-33	H - 3	Total/NA	Solid	5035	
890-6855-34	H - 4	Total/NA	Solid	5035	
890-6855-35	H - 5	Total/NA	Solid	5035	
890-6855-36	H - 6	Total/NA	Solid	5035	
890-6855-37	H - 7	Total/NA	Solid	5035	
MB 880-84468/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84468/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84468/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6855-21 MS	S - 5	Total/NA	Solid	5035	
890-6855-21 MSD	S - 5	Total/NA	Solid	5035	

Prep Batch: 84469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-1	S - 1	Total/NA	Solid	5035	
890-6855-2	S - 1	Total/NA	Solid	5035	
890-6855-3	S - 1	Total/NA	Solid	5035	
890-6855-4	S - 1	Total/NA	Solid	5035	
890-6855-5	S - 1	Total/NA	Solid	5035	
890-6855-6	S - 2	Total/NA	Solid	5035	
890-6855-7	S - 2	Total/NA	Solid	5035	
890-6855-8	S - 2	Total/NA	Solid	5035	
890-6855-9	S - 2	Total/NA	Solid	5035	
890-6855-10	S - 2	Total/NA	Solid	5035	
890-6855-18	S - 4	Total/NA	Solid	5035	

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QC Association Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

GC VOA (Continued)

Prep Batch: 84469 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-84469/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84469/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84469/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6855-1 MS	S - 1	Total/NA	Solid	5035	
890-6855-1 MSD	S - 1	Total/NA	Solid	5035	

Prep Batch: 84488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-84488/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 84632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-11	S - 3	Total/NA	Solid	5035	
890-6855-12	S - 3	Total/NA	Solid	5035	
890-6855-13	S - 3	Total/NA	Solid	5035	
890-6855-14	S - 3	Total/NA	Solid	5035	
890-6855-16	S - 4	Total/NA	Solid	5035	
MB 880-84632/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84632/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84632/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6858-A-41-A MS	Matrix Spike	Total/NA	Solid	5035	
890-6858-A-41-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 84639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-15	S - 3	Total/NA	Solid	8021B	84640
890-6855-16	S - 4	Total/NA	Solid	8021B	84632
890-6855-17	S - 4	Total/NA	Solid	8021B	84640
890-6855-18	S - 4	Total/NA	Solid	8021B	84469
890-6855-19	S - 4	Total/NA	Solid	8021B	84640
890-6855-20	S - 4	Total/NA	Solid	8021B	84640
MB 880-84640/5-A	Method Blank	Total/NA	Solid	8021B	84640
LCS 880-84640/1-A	Lab Control Sample	Total/NA	Solid	8021B	84640
LCSD 880-84640/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	84640
890-6855-15 MS	S - 3	Total/NA	Solid	8021B	84640
890-6855-15 MSD	S - 3	Total/NA	Solid	8021B	84640

Prep Batch: 84640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-15	S - 3	Total/NA	Solid	5035	
890-6855-17	S - 4	Total/NA	Solid	5035	
890-6855-19	S - 4	Total/NA	Solid	5035	
890-6855-20	S - 4	Total/NA	Solid	5035	
MB 880-84640/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-84640/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-84640/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-6855-15 MS	S - 3	Total/NA	Solid	5035	
890-6855-15 MSD	S - 3	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

GC VOA

Analysis Batch: 84682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-1	S - 1	Total/NA	Solid	Total BTEX	
890-6855-2	S - 1	Total/NA	Solid	Total BTEX	
890-6855-3	S - 1	Total/NA	Solid	Total BTEX	
890-6855-4	S - 1	Total/NA	Solid	Total BTEX	
890-6855-5	S - 1	Total/NA	Solid	Total BTEX	
890-6855-6	S - 2	Total/NA	Solid	Total BTEX	
890-6855-7	S - 2	Total/NA	Solid	Total BTEX	
890-6855-8	S - 2	Total/NA	Solid	Total BTEX	
890-6855-9	S - 2	Total/NA	Solid	Total BTEX	
890-6855-10	S - 2	Total/NA	Solid	Total BTEX	
890-6855-11	S - 3	Total/NA	Solid	Total BTEX	
890-6855-12	S - 3	Total/NA	Solid	Total BTEX	
890-6855-13	S - 3	Total/NA	Solid	Total BTEX	
890-6855-14	S - 3	Total/NA	Solid	Total BTEX	
890-6855-15	S - 3	Total/NA	Solid	Total BTEX	
890-6855-16	S - 4	Total/NA	Solid	Total BTEX	
890-6855-17	S - 4	Total/NA	Solid	Total BTEX	
890-6855-18	S - 4	Total/NA	Solid	Total BTEX	
890-6855-19	S - 4	Total/NA	Solid	Total BTEX	
890-6855-20	S - 4	Total/NA	Solid	Total BTEX	
890-6855-21	S - 5	Total/NA	Solid	Total BTEX	
890-6855-22	S - 5	Total/NA	Solid	Total BTEX	
890-6855-23	S - 5	Total/NA	Solid	Total BTEX	
890-6855-24	S - 5	Total/NA	Solid	Total BTEX	
890-6855-25	S - 5	Total/NA	Solid	Total BTEX	
890-6855-26	S - 6	Total/NA	Solid	Total BTEX	
890-6855-27	S - 6	Total/NA	Solid	Total BTEX	
890-6855-28	S - 6	Total/NA	Solid	Total BTEX	
890-6855-29	S - 6	Total/NA	Solid	Total BTEX	
890-6855-30	S - 6	Total/NA	Solid	Total BTEX	
890-6855-31	H - 1	Total/NA	Solid	Total BTEX	
890-6855-32	H - 2	Total/NA	Solid	Total BTEX	
890-6855-33	H - 3	Total/NA	Solid	Total BTEX	
890-6855-34	H - 4	Total/NA	Solid	Total BTEX	
890-6855-35	H - 5	Total/NA	Solid	Total BTEX	
890-6855-36	H - 6	Total/NA	Solid	Total BTEX	
890-6855-37	H - 7	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 84377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-35	H - 5	Total/NA	Solid	8015NM Prep	
890-6855-36	H - 6	Total/NA	Solid	8015NM Prep	
890-6855-37	H - 7	Total/NA	Solid	8015NM Prep	
MB 880-84377/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84377/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84377/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6855-35 MS	H - 5	Total/NA	Solid	8015NM Prep	
890-6855-35 MSD	H - 5	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

GC Semi VOA

Analysis Batch: 84435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-19	S - 4	Total/NA	Solid	8015B NM	84474
890-6855-20	S - 4	Total/NA	Solid	8015B NM	84474
890-6855-21	S - 5	Total/NA	Solid	8015B NM	84474
890-6855-22	S - 5	Total/NA	Solid	8015B NM	84474
890-6855-23	S - 5	Total/NA	Solid	8015B NM	84474
890-6855-24	S - 5	Total/NA	Solid	8015B NM	84474
890-6855-25	S - 5	Total/NA	Solid	8015B NM	84474
890-6855-26	S - 6	Total/NA	Solid	8015B NM	84474
890-6855-27	S - 6	Total/NA	Solid	8015B NM	84474
890-6855-28	S - 6	Total/NA	Solid	8015B NM	84474
890-6855-29	S - 6	Total/NA	Solid	8015B NM	84474
890-6855-30	S - 6	Total/NA	Solid	8015B NM	84474
890-6855-31	H - 1	Total/NA	Solid	8015B NM	84474
890-6855-32	H - 2	Total/NA	Solid	8015B NM	84474
890-6855-33	H - 3	Total/NA	Solid	8015B NM	84474
890-6855-34	H - 4	Total/NA	Solid	8015B NM	84474
MB 880-84474/1-A	Method Blank	Total/NA	Solid	8015B NM	84474
LCS 880-84474/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84474
LCSD 880-84474/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84474
880-45381-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	84474
880-45381-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	84474

Analysis Batch: 84437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-35	H - 5	Total/NA	Solid	8015B NM	84377
890-6855-36	H - 6	Total/NA	Solid	8015B NM	84377
890-6855-37	H - 7	Total/NA	Solid	8015B NM	84377
MB 880-84377/1-A	Method Blank	Total/NA	Solid	8015B NM	84377
LCS 880-84377/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84377
LCSD 880-84377/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84377
890-6855-35 MS	H - 5	Total/NA	Solid	8015B NM	84377
890-6855-35 MSD	H - 5	Total/NA	Solid	8015B NM	84377

Prep Batch: 84444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-1	S - 1	Total/NA	Solid	8015NM Prep	
890-6855-2	S - 1	Total/NA	Solid	8015NM Prep	
MB 880-84444/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84444/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84444/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6854-A-6-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-6854-A-6-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 84446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-3	S - 1	Total/NA	Solid	8015NM Prep	
890-6855-4	S - 1	Total/NA	Solid	8015NM Prep	
890-6855-5	S - 1	Total/NA	Solid	8015NM Prep	
890-6855-6	S - 2	Total/NA	Solid	8015NM Prep	
890-6855-7	S - 2	Total/NA	Solid	8015NM Prep	
890-6855-8	S - 2	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Prep Batch: 84446 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-9	S - 2	Total/NA	Solid	8015NM Prep	
890-6855-10	S - 2	Total/NA	Solid	8015NM Prep	
890-6855-11	S - 3	Total/NA	Solid	8015NM Prep	
890-6855-12	S - 3	Total/NA	Solid	8015NM Prep	
890-6855-13	S - 3	Total/NA	Solid	8015NM Prep	
890-6855-14	S - 3	Total/NA	Solid	8015NM Prep	
890-6855-15	S - 3	Total/NA	Solid	8015NM Prep	
890-6855-16	S - 4	Total/NA	Solid	8015NM Prep	
890-6855-17	S - 4	Total/NA	Solid	8015NM Prep	
890-6855-18	S - 4	Total/NA	Solid	8015NM Prep	
MB 880-84446/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84446/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84446/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-6855-3 MS	S - 1	Total/NA	Solid	8015NM Prep	
890-6855-3 MSD	S - 1	Total/NA	Solid	8015NM Prep	

Prep Batch: 84474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-19	S - 4	Total/NA	Solid	8015NM Prep	
890-6855-20	S - 4	Total/NA	Solid	8015NM Prep	
890-6855-21	S - 5	Total/NA	Solid	8015NM Prep	
890-6855-22	S - 5	Total/NA	Solid	8015NM Prep	
890-6855-23	S - 5	Total/NA	Solid	8015NM Prep	
890-6855-24	S - 5	Total/NA	Solid	8015NM Prep	
890-6855-25	S - 5	Total/NA	Solid	8015NM Prep	
890-6855-26	S - 6	Total/NA	Solid	8015NM Prep	
890-6855-27	S - 6	Total/NA	Solid	8015NM Prep	
890-6855-28	S - 6	Total/NA	Solid	8015NM Prep	
890-6855-29	S - 6	Total/NA	Solid	8015NM Prep	
890-6855-30	S - 6	Total/NA	Solid	8015NM Prep	
890-6855-31	H - 1	Total/NA	Solid	8015NM Prep	
890-6855-32	H - 2	Total/NA	Solid	8015NM Prep	
890-6855-33	H - 3	Total/NA	Solid	8015NM Prep	
890-6855-34	H - 4	Total/NA	Solid	8015NM Prep	
MB 880-84474/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-84474/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-84474/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-45381-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-45381-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 84620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-3	S - 1	Total/NA	Solid	8015B NM	84446
890-6855-4	S - 1	Total/NA	Solid	8015B NM	84446
890-6855-5	S - 1	Total/NA	Solid	8015B NM	84446
890-6855-6	S - 2	Total/NA	Solid	8015B NM	84446
890-6855-7	S - 2	Total/NA	Solid	8015B NM	84446
890-6855-8	S - 2	Total/NA	Solid	8015B NM	84446
890-6855-9	S - 2	Total/NA	Solid	8015B NM	84446
890-6855-10	S - 2	Total/NA	Solid	8015B NM	84446
890-6855-11	S - 3	Total/NA	Solid	8015B NM	84446

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QC Association Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 84620 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-12	S - 3	Total/NA	Solid	8015B NM	84446
890-6855-13	S - 3	Total/NA	Solid	8015B NM	84446
890-6855-14	S - 3	Total/NA	Solid	8015B NM	84446
890-6855-15	S - 3	Total/NA	Solid	8015B NM	84446
890-6855-16	S - 4	Total/NA	Solid	8015B NM	84446
890-6855-17	S - 4	Total/NA	Solid	8015B NM	84446
890-6855-18	S - 4	Total/NA	Solid	8015B NM	84446
MB 880-84446/1-A	Method Blank	Total/NA	Solid	8015B NM	84446
LCS 880-84446/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84446
LCSD 880-84446/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84446
890-6855-3 MS	S - 1	Total/NA	Solid	8015B NM	84446
890-6855-3 MSD	S - 1	Total/NA	Solid	8015B NM	84446

Analysis Batch: 84622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-1	S - 1	Total/NA	Solid	8015B NM	84444
890-6855-2	S - 1	Total/NA	Solid	8015B NM	84444
MB 880-84444/1-A	Method Blank	Total/NA	Solid	8015B NM	84444
LCS 880-84444/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	84444
LCSD 880-84444/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	84444
890-6854-A-6-E MS	Matrix Spike	Total/NA	Solid	8015B NM	84444
890-6854-A-6-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	84444

Analysis Batch: 84762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-1	S - 1	Total/NA	Solid	8015 NM	
890-6855-2	S - 1	Total/NA	Solid	8015 NM	
890-6855-3	S - 1	Total/NA	Solid	8015 NM	
890-6855-4	S - 1	Total/NA	Solid	8015 NM	
890-6855-5	S - 1	Total/NA	Solid	8015 NM	
890-6855-6	S - 2	Total/NA	Solid	8015 NM	
890-6855-7	S - 2	Total/NA	Solid	8015 NM	
890-6855-8	S - 2	Total/NA	Solid	8015 NM	
890-6855-9	S - 2	Total/NA	Solid	8015 NM	
890-6855-10	S - 2	Total/NA	Solid	8015 NM	
890-6855-11	S - 3	Total/NA	Solid	8015 NM	
890-6855-12	S - 3	Total/NA	Solid	8015 NM	
890-6855-13	S - 3	Total/NA	Solid	8015 NM	
890-6855-14	S - 3	Total/NA	Solid	8015 NM	
890-6855-15	S - 3	Total/NA	Solid	8015 NM	
890-6855-16	S - 4	Total/NA	Solid	8015 NM	
890-6855-17	S - 4	Total/NA	Solid	8015 NM	
890-6855-18	S - 4	Total/NA	Solid	8015 NM	
890-6855-19	S - 4	Total/NA	Solid	8015 NM	
890-6855-20	S - 4	Total/NA	Solid	8015 NM	
890-6855-21	S - 5	Total/NA	Solid	8015 NM	
890-6855-22	S - 5	Total/NA	Solid	8015 NM	
890-6855-23	S - 5	Total/NA	Solid	8015 NM	
890-6855-24	S - 5	Total/NA	Solid	8015 NM	
890-6855-25	S - 5	Total/NA	Solid	8015 NM	
890-6855-26	S - 6	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 84762 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-27	S - 6	Total/NA	Solid	8015 NM	
890-6855-28	S - 6	Total/NA	Solid	8015 NM	
890-6855-29	S - 6	Total/NA	Solid	8015 NM	
890-6855-30	S - 6	Total/NA	Solid	8015 NM	
890-6855-31	H - 1	Total/NA	Solid	8015 NM	
890-6855-32	H - 2	Total/NA	Solid	8015 NM	
890-6855-33	H - 3	Total/NA	Solid	8015 NM	
890-6855-34	H - 4	Total/NA	Solid	8015 NM	
890-6855-35	H - 5	Total/NA	Solid	8015 NM	
890-6855-36	H - 6	Total/NA	Solid	8015 NM	
890-6855-37	H - 7	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 84475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-1	S - 1	Soluble	Solid	DI Leach	
890-6855-2	S - 1	Soluble	Solid	DI Leach	
890-6855-3	S - 1	Soluble	Solid	DI Leach	
890-6855-4	S - 1	Soluble	Solid	DI Leach	
890-6855-5	S - 1	Soluble	Solid	DI Leach	
890-6855-6	S - 2	Soluble	Solid	DI Leach	
890-6855-7	S - 2	Soluble	Solid	DI Leach	
890-6855-8	S - 2	Soluble	Solid	DI Leach	
890-6855-9	S - 2	Soluble	Solid	DI Leach	
MB 880-84475/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84475/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84475/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6854-A-11-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-6854-A-11-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 84476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-10	S - 2	Soluble	Solid	DI Leach	
890-6855-11	S - 3	Soluble	Solid	DI Leach	
890-6855-12	S - 3	Soluble	Solid	DI Leach	
890-6855-13	S - 3	Soluble	Solid	DI Leach	
890-6855-14	S - 3	Soluble	Solid	DI Leach	
890-6855-15	S - 3	Soluble	Solid	DI Leach	
890-6855-16	S - 4	Soluble	Solid	DI Leach	
890-6855-17	S - 4	Soluble	Solid	DI Leach	
890-6855-18	S - 4	Soluble	Solid	DI Leach	
890-6855-19	S - 4	Soluble	Solid	DI Leach	
890-6855-20	S - 4	Soluble	Solid	DI Leach	
890-6855-21	S - 5	Soluble	Solid	DI Leach	
890-6855-22	S - 5	Soluble	Solid	DI Leach	
890-6855-23	S - 5	Soluble	Solid	DI Leach	
890-6855-24	S - 5	Soluble	Solid	DI Leach	
890-6855-25	S - 5	Soluble	Solid	DI Leach	
890-6855-26	S - 6	Soluble	Solid	DI Leach	
890-6855-27	S - 6	Soluble	Solid	DI Leach	

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QC Association Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

HPLC/IC (Continued)

Leach Batch: 84476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-28	S - 6	Soluble	Solid	DI Leach	
890-6855-29	S - 6	Soluble	Solid	DI Leach	
MB 880-84476/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84476/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84476/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6855-10 MS	S - 2	Soluble	Solid	DI Leach	
890-6855-10 MSD	S - 2	Soluble	Solid	DI Leach	
890-6855-20 MS	S - 4	Soluble	Solid	DI Leach	
890-6855-20 MSD	S - 4	Soluble	Solid	DI Leach	

Leach Batch: 84481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-30	S - 6	Soluble	Solid	DI Leach	
890-6855-31	H - 1	Soluble	Solid	DI Leach	
890-6855-32	H - 2	Soluble	Solid	DI Leach	
890-6855-33	H - 3	Soluble	Solid	DI Leach	
890-6855-34	H - 4	Soluble	Solid	DI Leach	
890-6855-35	H - 5	Soluble	Solid	DI Leach	
890-6855-36	H - 6	Soluble	Solid	DI Leach	
890-6855-37	H - 7	Soluble	Solid	DI Leach	
MB 880-84481/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-84481/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-84481/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-6855-30 MS	S - 6	Soluble	Solid	DI Leach	
890-6855-30 MSD	S - 6	Soluble	Solid	DI Leach	

Analysis Batch: 84671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-1	S - 1	Soluble	Solid	300.0	84475
890-6855-2	S - 1	Soluble	Solid	300.0	84475
890-6855-3	S - 1	Soluble	Solid	300.0	84475
890-6855-4	S - 1	Soluble	Solid	300.0	84475
890-6855-5	S - 1	Soluble	Solid	300.0	84475
890-6855-6	S - 2	Soluble	Solid	300.0	84475
890-6855-7	S - 2	Soluble	Solid	300.0	84475
890-6855-8	S - 2	Soluble	Solid	300.0	84475
890-6855-9	S - 2	Soluble	Solid	300.0	84475
MB 880-84475/1-A	Method Blank	Soluble	Solid	300.0	84475
LCS 880-84475/2-A	Lab Control Sample	Soluble	Solid	300.0	84475
LCSD 880-84475/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84475
890-6854-A-11-D MS	Matrix Spike	Soluble	Solid	300.0	84475
890-6854-A-11-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	84475

Analysis Batch: 84674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-10	S - 2	Soluble	Solid	300.0	84476
890-6855-11	S - 3	Soluble	Solid	300.0	84476
890-6855-12	S - 3	Soluble	Solid	300.0	84476
890-6855-13	S - 3	Soluble	Solid	300.0	84476
890-6855-14	S - 3	Soluble	Solid	300.0	84476
890-6855-15	S - 3	Soluble	Solid	300.0	84476

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QC Association Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

HPLC/IC (Continued)

Analysis Batch: 84674 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-16	S - 4	Soluble	Solid	300.0	84476
890-6855-17	S - 4	Soluble	Solid	300.0	84476
890-6855-18	S - 4	Soluble	Solid	300.0	84476
890-6855-19	S - 4	Soluble	Solid	300.0	84476
890-6855-20	S - 4	Soluble	Solid	300.0	84476
890-6855-21	S - 5	Soluble	Solid	300.0	84476
890-6855-22	S - 5	Soluble	Solid	300.0	84476
890-6855-23	S - 5	Soluble	Solid	300.0	84476
890-6855-24	S - 5	Soluble	Solid	300.0	84476
890-6855-25	S - 5	Soluble	Solid	300.0	84476
890-6855-26	S - 6	Soluble	Solid	300.0	84476
890-6855-27	S - 6	Soluble	Solid	300.0	84476
890-6855-28	S - 6	Soluble	Solid	300.0	84476
890-6855-29	S - 6	Soluble	Solid	300.0	84476
MB 880-84476/1-A	Method Blank	Soluble	Solid	300.0	84476
LCS 880-84476/2-A	Lab Control Sample	Soluble	Solid	300.0	84476
LCSD 880-84476/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84476
890-6855-10 MS	S - 2	Soluble	Solid	300.0	84476
890-6855-10 MSD	S - 2	Soluble	Solid	300.0	84476
890-6855-20 MS	S - 4	Soluble	Solid	300.0	84476
890-6855-20 MSD	S - 4	Soluble	Solid	300.0	84476

Analysis Batch: 84677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-6855-30	S - 6	Soluble	Solid	300.0	84481
890-6855-31	H - 1	Soluble	Solid	300.0	84481
890-6855-32	H - 2	Soluble	Solid	300.0	84481
890-6855-33	H - 3	Soluble	Solid	300.0	84481
890-6855-34	H - 4	Soluble	Solid	300.0	84481
890-6855-35	H - 5	Soluble	Solid	300.0	84481
890-6855-36	H - 6	Soluble	Solid	300.0	84481
890-6855-37	H - 7	Soluble	Solid	300.0	84481
MB 880-84481/1-A	Method Blank	Soluble	Solid	300.0	84481
LCS 880-84481/2-A	Lab Control Sample	Soluble	Solid	300.0	84481
LCSD 880-84481/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	84481
890-6855-30 MS	S - 6	Soluble	Solid	300.0	84481
890-6855-30 MSD	S - 6	Soluble	Solid	300.0	84481

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 1

Date Collected: 06/27/24 06:45

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84449	06/29/24 02:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 02:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 17:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84444	06/28/24 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84622	06/29/24 17:56	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84475	06/28/24 10:50	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84671	07/01/24 15:59	CH	EET MID

Client Sample ID: S - 1

Date Collected: 06/27/24 06:47

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84449	06/29/24 02:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 02:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 18:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84444	06/28/24 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84622	06/29/24 18:16	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84475	06/28/24 10:50	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84671	07/01/24 16:05	CH	EET MID

Client Sample ID: S - 1

Date Collected: 06/27/24 06:49

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84449	06/29/24 03:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 03:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 10:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 10:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84475	06/28/24 10:50	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84671	07/01/24 17:06	CH	EET MID

Client Sample ID: S - 1

Date Collected: 06/27/24 06:51

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84449	06/29/24 03:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 03:48	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 1

Date Collected: 06/27/24 06:51

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			84762	06/29/24 11:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 11:44	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84475	06/28/24 10:50	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84671	07/01/24 17:12	CH	EET MID

Client Sample ID: S - 1

Date Collected: 06/27/24 06:53

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84449	06/29/24 04:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 04:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 12:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 12:05	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84475	06/28/24 10:50	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84671	07/01/24 17:17	CH	EET MID

Client Sample ID: S - 2

Date Collected: 06/27/24 06:55

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84449	06/29/24 04:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 04:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 12:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 12:26	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84475	06/28/24 10:50	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84671	07/01/24 17:22	CH	EET MID

Client Sample ID: S - 2

Date Collected: 06/27/24 06:57

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84449	06/29/24 05:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 05:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 12:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 12:47	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 2
Date Collected: 06/27/24 06:57
Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	84475	06/28/24 10:50	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84671	07/01/24 17:27	CH	EET MID

Client Sample ID: S - 2
Date Collected: 06/27/24 06:59
Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84449	06/29/24 05:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 05:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 13:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 13:07	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84475	06/28/24 10:50	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84671	07/01/24 17:33	CH	EET MID

Client Sample ID: S - 2
Date Collected: 06/27/24 07:01
Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84449	06/29/24 06:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 06:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 13:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 13:28	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	84475	06/28/24 10:50	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84671	07/01/24 17:38	CH	EET MID

Client Sample ID: S - 2
Date Collected: 06/27/24 07:03
Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84449	06/29/24 06:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 06:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 13:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 13:49	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 20:42	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 3

Date Collected: 06/27/24 07:05

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84632	06/29/24 13:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/29/24 22:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 22:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 14:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 14:10	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 21:02	CH	EET MID

Client Sample ID: S - 3

Date Collected: 06/27/24 07:08

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84632	06/29/24 13:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/29/24 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 22:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 14:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 14:30	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 21:08	CH	EET MID

Client Sample ID: S - 3

Date Collected: 06/27/24 07:11

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	84632	06/29/24 13:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/29/24 23:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 23:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 15:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 15:11	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 21:15	CH	EET MID

Client Sample ID: S - 3

Date Collected: 06/27/24 07:14

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84632	06/29/24 13:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84448	06/29/24 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 23:38	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 3

Date Collected: 06/27/24 07:14

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			84762	06/29/24 15:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 15:32	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 21:22	CH	EET MID

Client Sample ID: S - 3

Date Collected: 06/27/24 07:17

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84640	06/30/24 18:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84639	06/30/24 21:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/30/24 21:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 15:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 15:53	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 21:42	CH	EET MID

Client Sample ID: S - 4

Date Collected: 06/27/24 07:20

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84632	06/29/24 13:39	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84639	06/30/24 22:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/30/24 22:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 16:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 16:13	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 21:48	CH	EET MID

Client Sample ID: S - 4

Date Collected: 06/27/24 07:23

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84640	06/30/24 18:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84639	06/30/24 22:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/30/24 22:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 16:34	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 16:34	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 4

Date Collected: 06/27/24 07:23

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 21:55	CH	EET MID

Client Sample ID: S - 4

Date Collected: 06/27/24 07:26

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	84469	06/28/24 10:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84639	06/30/24 22:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/30/24 22:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 16:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84446	06/28/24 08:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84620	06/29/24 16:54	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 22:02	CH	EET MID

Client Sample ID: S - 4

Date Collected: 06/27/24 07:29

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84640	06/30/24 18:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84639	06/30/24 23:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/30/24 23:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/28/24 22:40	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 22:40	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 22:08	CH	EET MID

Client Sample ID: S - 4

Date Collected: 06/27/24 07:32

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	84640	06/30/24 18:35	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84639	06/30/24 23:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/30/24 23:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/28/24 23:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 23:01	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 22:15	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 5

Date Collected: 06/27/24 07:35

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/28/24 22:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/28/24 22:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/28/24 23:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 23:21	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 22:35	CH	EET MID

Client Sample ID: S - 5

Date Collected: 06/27/24 07:38

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/28/24 22:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/28/24 22:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/28/24 23:41	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/28/24 23:41	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 22:41	CH	EET MID

Client Sample ID: S - 5

Date Collected: 06/27/24 07:41

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/28/24 23:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/28/24 23:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 00:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 00:02	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 23:01	CH	EET MID

Client Sample ID: S - 5

Date Collected: 06/27/24 07:44

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/28/24 23:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/28/24 23:34	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 5

Date Collected: 06/27/24 07:44

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			84762	06/29/24 00:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 00:22	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 23:08	CH	EET MID

Client Sample ID: S - 5

Date Collected: 06/27/24 07:47

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/28/24 23:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/28/24 23:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 01:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 01:03	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 23:14	CH	EET MID

Client Sample ID: S - 6

Date Collected: 06/27/24 07:50

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 00:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 01:24	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 01:24	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 23:21	CH	EET MID

Client Sample ID: S - 6

Date Collected: 06/27/24 07:53

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 00:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 00:36	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 01:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 01:44	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: S - 6

Date Collected: 06/27/24 07:53

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 23:28	CH	EET MID

Client Sample ID: S - 6

Date Collected: 06/27/24 07:56

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 00:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 00:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 02:04	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 02:04	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 23:35	CH	EET MID

Client Sample ID: S - 6

Date Collected: 06/27/24 07:59

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 01:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 01:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 02:25	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 02:25	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	84476	06/28/24 10:52	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84674	07/01/24 23:41	CH	EET MID

Client Sample ID: S - 6

Date Collected: 06/27/24 08:02

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 01:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 01:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 02:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 02:43	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	84481	06/28/24 10:55	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84677	07/01/24 21:08	CH	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: H - 1
Date Collected: 06/27/24 08:05
Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 03:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 03:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 03:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 03:50	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	84481	06/28/24 10:55	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84677	07/01/24 21:23	CH	EET MID

Client Sample ID: H - 2
Date Collected: 06/27/24 08:08
Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 03:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 03:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 04:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 04:10	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84481	06/28/24 10:55	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84677	07/01/24 21:29	CH	EET MID

Client Sample ID: H - 3
Date Collected: 06/27/24 08:11
Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 03:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 03:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/29/24 04:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 04:31	SM	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84481	06/28/24 10:55	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84677	07/01/24 21:34	CH	EET MID

Client Sample ID: H - 4
Date Collected: 06/27/24 08:14
Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 04:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 04:03	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: H - 4

Date Collected: 06/27/24 08:14

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-34

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			84762	06/29/24 04:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	84474	06/28/24 10:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84435	06/29/24 04:52	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	84481	06/28/24 10:55	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84677	07/01/24 21:39	CH	EET MID

Client Sample ID: H - 5

Date Collected: 06/27/24 08:17

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 04:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 04:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/28/24 20:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	84377	06/27/24 14:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84437	06/28/24 20:36	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	84481	06/28/24 10:55	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84677	07/01/24 21:55	CH	EET MID

Client Sample ID: H - 6

Date Collected: 06/27/24 08:20

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-36

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 04:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 04:44	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/28/24 21:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	84377	06/27/24 14:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84437	06/28/24 21:38	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	84481	06/28/24 10:55	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84677	07/01/24 22:00	CH	EET MID

Client Sample ID: H - 7

Date Collected: 06/27/24 08:23

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	84468	06/28/24 10:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	84451	06/29/24 05:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			84682	06/29/24 05:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			84762	06/28/24 21:59	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	84377	06/27/24 14:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	84437	06/28/24 21:59	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Client Sample ID: H - 7

Date Collected: 06/27/24 08:23

Date Received: 06/27/24 10:54

Lab Sample ID: 890-6855-37

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	84481	06/28/24 10:55	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	84677	07/01/24 22:05	CH	EET MID

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

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Accreditation/Certification Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
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	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- 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:

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

Sample Summary

Client: NT Global
Project/Site: MILLS RISER RANCH

Job ID: 890-6855-1
SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-6855-1	S - 1	Solid	06/27/24 06:45	06/27/24 10:54	0 - 6"
890-6855-2	S - 1	Solid	06/27/24 06:47	06/27/24 10:54	1 - 1.5'
890-6855-3	S - 1	Solid	06/27/24 06:49	06/27/24 10:54	2 - 2.5'
890-6855-4	S - 1	Solid	06/27/24 06:51	06/27/24 10:54	3 - 3.5'
890-6855-5	S - 1	Solid	06/27/24 06:53	06/27/24 10:54	4 - 4.5'
890-6855-6	S - 2	Solid	06/27/24 06:55	06/27/24 10:54	0 - 6"
890-6855-7	S - 2	Solid	06/27/24 06:57	06/27/24 10:54	1 - 1.5'
890-6855-8	S - 2	Solid	06/27/24 06:59	06/27/24 10:54	2 - 2.5'
890-6855-9	S - 2	Solid	06/27/24 07:01	06/27/24 10:54	3 - 3.5'
890-6855-10	S - 2	Solid	06/27/24 07:03	06/27/24 10:54	4 - 4.5'
890-6855-11	S - 3	Solid	06/27/24 07:05	06/27/24 10:54	0 - 6"
890-6855-12	S - 3	Solid	06/27/24 07:08	06/27/24 10:54	1 - 1.5'
890-6855-13	S - 3	Solid	06/27/24 07:11	06/27/24 10:54	2 - 2.5'
890-6855-14	S - 3	Solid	06/27/24 07:14	06/27/24 10:54	3 - 3.5'
890-6855-15	S - 3	Solid	06/27/24 07:17	06/27/24 10:54	4 - 4.5'
890-6855-16	S - 4	Solid	06/27/24 07:20	06/27/24 10:54	0 - 6"
890-6855-17	S - 4	Solid	06/27/24 07:23	06/27/24 10:54	1 - 1.5'
890-6855-18	S - 4	Solid	06/27/24 07:26	06/27/24 10:54	2 - 2.5'
890-6855-19	S - 4	Solid	06/27/24 07:29	06/27/24 10:54	3 - 3.5'
890-6855-20	S - 4	Solid	06/27/24 07:32	06/27/24 10:54	4 - 4.5'
890-6855-21	S - 5	Solid	06/27/24 07:35	06/27/24 10:54	0 - 6"
890-6855-22	S - 5	Solid	06/27/24 07:38	06/27/24 10:54	1 - 1.5'
890-6855-23	S - 5	Solid	06/27/24 07:41	06/27/24 10:54	2 - 2.5'
890-6855-24	S - 5	Solid	06/27/24 07:44	06/27/24 10:54	3 - 3.5'
890-6855-25	S - 5	Solid	06/27/24 07:47	06/27/24 10:54	4 - 4.5'
890-6855-26	S - 6	Solid	06/27/24 07:50	06/27/24 10:54	0 - 6"
890-6855-27	S - 6	Solid	06/27/24 07:53	06/27/24 10:54	1 - 1.5'
890-6855-28	S - 6	Solid	06/27/24 07:56	06/27/24 10:54	2 - 2.5'
890-6855-29	S - 6	Solid	06/27/24 07:59	06/27/24 10:54	3 - 3.5'
890-6855-30	S - 6	Solid	06/27/24 08:02	06/27/24 10:54	4 - 4.5'
890-6855-31	H - 1	Solid	06/27/24 08:05	06/27/24 10:54	0 - 6"
890-6855-32	H - 2	Solid	06/27/24 08:08	06/27/24 10:54	0 - 6"
890-6855-33	H - 3	Solid	06/27/24 08:11	06/27/24 10:54	0 - 6"
890-6855-34	H - 4	Solid	06/27/24 08:14	06/27/24 10:54	0 - 6"
890-6855-35	H - 5	Solid	06/27/24 08:17	06/27/24 10:54	0 - 6"
890-6855-36	H - 6	Solid	06/27/24 08:20	06/27/24 10:54	0 - 6"
890-6855-37	H - 7	Solid	06/27/24 08:23	06/27/24 10:54	0 - 6"

180000222

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

Chain of Custody



Work Order No: _____

Page 1 of 4

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
Address:	209 W McKay St	Address:	20 Greenway Plaza, Suite 500
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Houston, TX 77046
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

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

Project Name:	Mills Riser Ranch	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	248757	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O			
Project Location:	Eddy Co. NM	Due Date:														Cool: Cool	MeOH: Me			
Sample's Name:	Clayton Tumas	TAT starts the day received by the lab, if received by 4:30pm														HCL-HC	HNO ₃ -HN			
PO #:																H ₂ SO ₄ -H ₂	NaOH: Na			
SAMPLE RECEIPT	Temp Blank: ☒ Yes ☒ No	Wet Ice: ☒ Yes ☒ No	Parameters													H ₃ PO ₄ : HP				
Received Intact:	☒ 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:	37	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
S-1	0-6"	6/27/2024	6:45	X		Grab	1	X	X	X										
S-1	1-1.5'	6/27/2024	6:47	X		Grab	1	X	X	X										
S-1	2-2.5'	6/27/2024	6:49	X		Grab	1	X	X	X										
S-1	3-3.5'	6/27/2024	6:51	X		Grab	1	X	X	X										
S-1	4-4.5'	6/27/2024	6:53	X		Grab	1	X	X	X										
S-2	0-6"	6/27/2024	6:55	X		Grab	1	X	X	X										
S-2	1-1.5'	6/27/2024	6:57	X		Grab	1	X	X	X										
S-2	2-2.5'	6/27/2024	6:59	X		Grab	1	X	X	X										
S-2	3-3.5'	6/27/2024	7:01	X		Grab	1	X	X	X										
S-2	4-4.5'	6/27/2024	7:03	X		Grab	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
		6/27 1054			



Chain of Custody

Work Order No: _____

Page 2 of 4

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
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Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Mills Riser Ranch	Turn Around	☒ Routine ☐ Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes		
Project Number:	248757	Due Date:															None: NO	DI Water: H ₂ O
Project Location:	Eddy Co, NM																Cool: Cool	MeOH: Me
Sampler's Name:	Clayton Turnas	TAT starts the day received by the lab, if received by 4:30pm															HCL: HCl	HNO ₃ : HN
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐	Thermometer ID: Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐														HOLD	
Received Intact:	Yes ☒ No ☐	Correction Factor:															NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐	Temperature Reading:															Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐	Corrected Temperature:															Zn Acetate+NaOH: Zn	
Total Containers:	37																NaOH+Ascorbic Acid: SAPC	

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont												Sample Comments
S-3	0-6"	6/27/2024	7:05	X		Grab	1	X	X	X									
S-3	1-1.5'	6/27/2024	7:08	X		Grab	1	X	X	X									
S-3	2-2.5'	6/27/2024	7:11	X		Grab	1	X	X	X									
S-3	3-3.5'	6/27/2024	7:14	X		Grab	1	X	X	X									
S-3	4-4.5'	6/27/2024	7:17	X		Grab	1	X	X	X									
S-4	0-6"	6/27/2024	7:20	X		Grab	1	X	X	X									
S-4	1-1.5'	6/27/2024	7:23	X		Grab	1	X	X	X									
S-4	2-2.5'	6/27/2024	7:26	X		Grab	1	X	X	X									
S-4	3-3.5'	6/27/2024	7:29	X		Grab	1	X	X	X									
S-4	4-4.5'	6/27/2024	7:32	X		Grab	1	X	X	X									

Additional Comments:

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		6/27 1054			



Chain of Custody

Work Order No.: _____

Page 3 of 4

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
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Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

[illegible]

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH										Sample Comments	
S-5	0-6"	6/27/2024	7:35	X		Grab	1	X	X	X									
S-5	1-1.5'	6/27/2024	7:38	X		Grab	1	X	X	X									
S-5	2-2.5'	6/27/2024	7:41	X		Grab	1	X	X	X									
S-5	3-3.5'	6/27/2024	7:44	X		Grab	1	X	X	X									
S-5	4-4.5'	6/27/2024	7:47	X		Grab	1	X	X	X									
S-6	0-6"	6/27/2024	7:50	X		Grab	1	X	X	X									
S-6	1-1.5'	6/27/2024	7:53	X		Grab	1	X	X	X									
S-6	2-2.5'	6/27/2024	7:56	X		Grab	1	X	X	X									
S-6	3-3.5'	6/27/2024	7:59	X		Grab	1	X	X	X									
S-6	4-4.5'	6/27/2024	8:02	X		Grab	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 		6/27 1054	2		
3 			4		
5			6		



Chain of Custody

Work Order No: _____

Page 4 of 4

Project Manager:	Ethan Sessums	Bill to: (if different)	Shelly Cowden
Company Name:	NTG Environmental	Company Name:	Pilot Water Solutions
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Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Mills Riser Ranch		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	248757	☒ Routine	☐ Rush													None: NO	DI Water: H ₂ O			
Project Location:	Eddy Co. NM	Due Date:														Cool: Cool	MeOH: Me			
Sampler's Name:	Clayton Turnas	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN			
PO #																H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	☒ Yes ☒ No	Wet Ice:	☒ Yes ☒ No	Parameters												HOLD		
Received Intact:	☒ Yes ☒ No	Thermometer ID:	Turnas												NaHSO ₄ : NABIS					
Cooler Custody Seals:	☒ Yes ☒ No	Correction Factor:	0.7												Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	☒ Yes ☒ No	Temperature Reading:	4.8												Zn Acetate+NaOH: Zn					
Total Containers:	37	Corrected Temperature:	4.6												NaOH+Ascorbic Acid: S APC					
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
H-1	0-6"	6/27/2024	8:05	X		Grab	1	X	X	X										
H-2	0-6"	6/27/2024	8:08	X		Grab	1	X	X	X										
H-3	0-6"	6/27/2024	8:11	X		Grab	1	X	X	X										
H-4	0-6"	6/27/2024	8:14	X		Grab	1	X	X	X										
H-5	0-6"	6/27/2024	8:17	X		Grab	1	X	X	X										
H-6	0-6"	6/27/2024	8:20	X		Grab	1	X	X	X										
H-7	0-6"	6/27/2024	8:23	X		Grab	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
		6/27/2024			

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-6855-1

SDG Number: Eddy Co NM

Login Number: 6855
List Number: 1
Creator: Bruns, Shannon

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.	N/A	Refer to Job Narrative for details.
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: 890-6855-1
SDG Number: Eddy Co NM

Login Number: 6855
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 06/28/24 09:15 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

QUESTIONS

Action 371472

QUESTIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:
	308339
	Action Number:
	371472
Action Type:	
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2114135390
Incident Name	NAPP2114135390 MILLS RISER RANCH @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAB1623951305] Livingston Ridge SWD System

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MILLS RISER RANCH
Date Release Discovered	05/14/2021
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Blow Out Pipeline (Any) Produced Water Released: 480 BBL Recovered: 400 BBL Lost: 80 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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Oil Conservation Division
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QUESTIONS, Page 2

Action 371472

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:
	308339
	Action Number:
	371472
Action Type:	
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 08/07/2024
--	---

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QUESTIONS, Page 3

Action 371472

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:
	308339
	Action Number:
	371472
Action Type:	
[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 500 and 1000 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	495
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	59
GRO+DRO	(EPA SW-846 Method 8015M)	59
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	08/12/2024
On what date will (or did) the final sampling or liner inspection occur	08/26/2024
On what date will (or was) the remediation complete(d)	09/16/2024
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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District II
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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
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QUESTIONS, Page 4
Action 371472

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID:	308339
	Action Number:	371472
	Action Type:	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Ethan Sessums Title: Project Manager Email: ESessums@ntglobal.com Date: 08/07/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 371472

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 371472
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 371472

QUESTIONS (continued)

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 371472
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 371472

CONDITIONS

Operator: OWL SWD OPERATING, LLC 20 Greenway Plaza Houston, TX 77046	OGRID: 308339
	Action Number: 371472
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Remediation Work Plan is approved. Please submit Remediation Closure Report within 90 days of this approval. Please remember to submit confirmation sampling notification pursuant to 19.15.29.12.D.(1).(a) NMAC.	8/8/2024