

DEVON RISER NEAR THE CDU 13-18 CTB

nAPP2406447416

3/4/2024

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
<i>Contaminated Soil measurement</i>	
Area (square feet)	Depth(inches)
<u>4898</u>	<u>12.000</u>
Cubic Feet of Soil Impacted	<u>4898.000</u>
Barrels of Soil Impacted	<u>873.08</u>
Soil Type	Sand
Barrels of Oil Assuming 100% Saturation	<u>174.62</u>
Saturation	Fluid present with shovel/backhoe
Estimated Barrels of Oil Released	174.62
<i>Free Standing Fluid Only</i>	
Area (square feet)	Depth(inches)
-	-
Standing fluid	<u>0.000</u>
Total fluids spilled	<u>174.617</u>



209 W. McKay Street
Carlsbad, New Mexico 88220
Tel. 432-701-2159
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June 13, 2024

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

Re: Remediation Closure Request
Devon Energy Production Company
Devon Riser Near the Cotton Draw Unit 13-18 CTB
Unit A, Section 18, Township 25S, Range 32E
Site Coordinates: 32.1353425, -103.7071837
Lea County, New Mexico
Incident ID: nAPP2406447416

Introduction

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Remediation Closure Request 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 nAPP2406447416 – Devon Riser Near the Cotton Draw Unit 13-18 CTB (Site). The Site is in Unit Letter A, Section 18, of Township 25 South and Range 32 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.1353425° N latitude and 103.7071837° 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 March 4th, 2024, and was from the main pipeline at the riser. Upon discovery, the Site was shut-in, and repairs ensued. The spill resulted in a release of approximately one hundred seventy-five (175) barrels (bbls) of produced water of which zero (0) bbls were recovered for an approximate net loss of one hundred seventy-five (175) 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 (NMOSE) and USGS databases, there are no known water sources within a ½-mile radius of the location.

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 Medium Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to this 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	Unknown

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
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg

Notes:
 --- = not defined

Initial Soil Delineation Assessment Summary and Findings

On March 14th, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Nine (9) vertical sample points (S-1 through S-9) were installed within the release. Sample collection was performed at one (1) ft. intervals from depths ranging from zero (0) to five and a half (5.5) feet below ground surface (ft bgs) with a geotechnical hand auger to characterize the extent of contaminants. In addition, twelve (12) horizontal sample points (H-1 through H-12) were installed adjacent to the release area to characterize the lateral impacts. Soil samples were collected at zero (0) to half-foot (0.5) ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross contamination. Sample locations are shown in Figure 3.

Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Envirotech Laboratories in Farmington, NM for analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX) (EPA method 8260B), total petroleum hydrocarbon (TPH) (EPA method 8015D), and chloride (EPA method 300.0/9056A). The analytical results indicated that chloride concentrations exceeded the NMOCD regulatory limits in the areas of S-1 at three (3) to three and a half (3.5) ft bgs, S-3 and

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S-7 at four (4) to four and a half (4.5) ft bgs, and S-9 at two (2) to two and a half (2.5) ft bgs. Chloride concentrations exceeded five and a half (5.5) ft bgs at S-2, S-4, S-5, S-6 and S-8.

On April 2nd, 2024, NTGE returned to the Site to continue vertical delineation assessment of the release. Three (3) test pits (TP-1 through TP-3) were installed within the release area to further characterize the spill. Soil samples were collected with a backhoe, at 1 ft intervals from depths ranging from four (4) to eight (8) ft bgs. All soil samples were analyzed for BTEX (EPA method 8021B), TPH (EPA method 8015M), and chloride (EPA method SM4500Cl-B). Analytical results indicated that chloride concentrations exceeded the NMOCD regulatory limits for TP-2 at four (4) and five (5) ft bgs, and TP-3 at four (4), five (5) and seven (7) ft bgs. Analytical results are included in Table 1, while soil boring locations are shown in Figure 3.

Laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

Remedial Actions Activities and Confirmation Sampling

After receiving and evaluating the soil boring data Devon excavated areas of S-1, S-2, and S-3 to a depth of five and a half (5.5) ft bgs, The areas of S-4 and S-5 to a depth of six (6) ft bgs, the area of S-6 to two and a half (2.5) ft bgs, The area of S-7 to four and half (4.5) ft bgs, the area of S-8 to eight (8) ft bgs, and the areas of S-9 to a depth of three and a half (3.5) ft bgs to ensure that the impacted soil has been removed from the Site.

On June 11th, 2024, NTGE was on Site to conduct a confirmation sampling event whereby, twenty-seven (27) base confirmation samples (CS-1 through CS-27) and twenty (20) sidewall samples (SW-1 through SW-20) were collected. Confirmation samples were taken as 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. Samples were placed directly into laboratory provided sample containers, placed on ice, and transported under chain-of-custody protocol to the lab. Soil samples were collected and delivered to Cardinal Laboratories in Hobbs, New Mexico for the analysis of BTEX (EPA method 8021 B), TPH (EPA method 8015 modified), and chloride (method SM4500-Cl-B). Analytical results indicated that all samples were below NMOCD regulatory limits.

Analytical results are included in Table 2, while confirmation sampling locations are shown in Figure 4. The initial C-141, laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

Closure Request

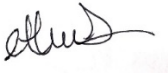
Based on the assessment and subsequent remedial action activities, the Site is compliant with the regulatory limits and no further actions are required at the site. Devon formally requests a no further action designation for the Site. If you have any questions regarding this letter, please contact us at (432)-701-2159.

Sincerely,
NTG Environmental

NTGE Project No.: 248489



Mr. Mike Bratcher
June 13, 2024
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Ethan Sessums
Project Manager

Attachments:

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

SITE CHARACTERIZATION DOCUMENTATION

National Flood Hazard Layer FIRMMette



103°42'44"W 32°8'22"N



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
 - Hydrographic Feature
 - 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.

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

1:6,000

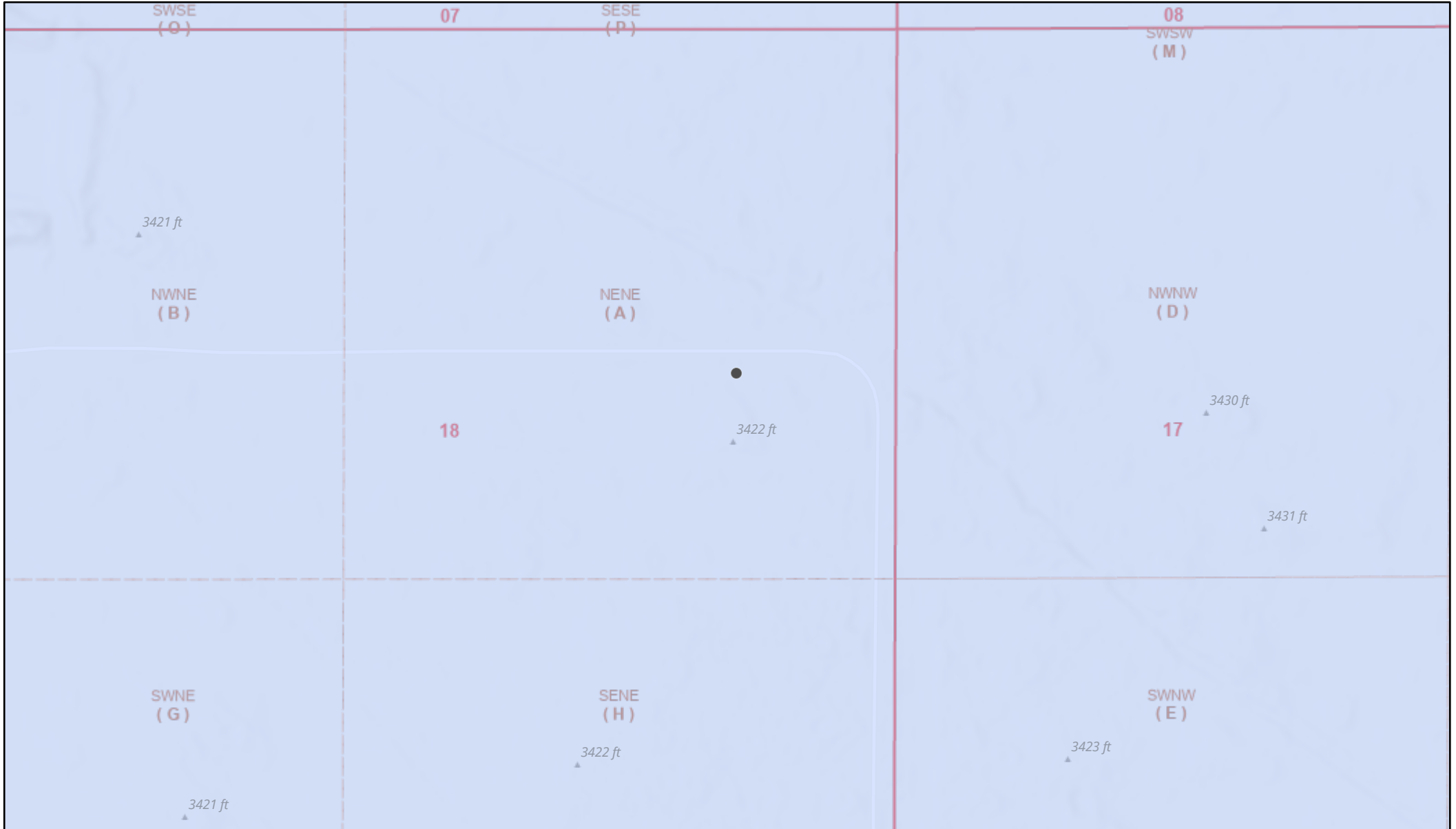
103°42'17"W 32°7'52"N

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 3/12/2024 at 11:59 AM 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.

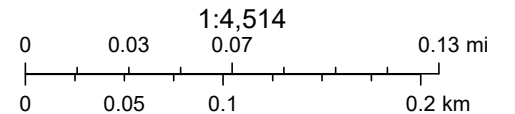
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

Site Characterization Map



3/12/2024, 11:12:40 AM

Karst Occurrence Potential PLSS Second Division
 Low PLSS First Division



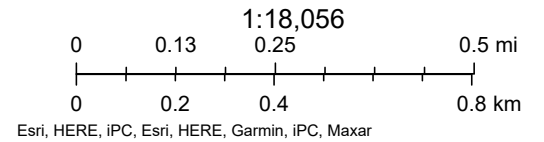
BLM, OCD, New Mexico Tech, Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR,

OSE POD Location Map



3/12/2024, 11:04:36 AM

- Override 1
 - OSE District Boundary
 - Artesian Planning Area
 - Closure Area
 - Both Estates
- GIS WATERS PODs Pending ●

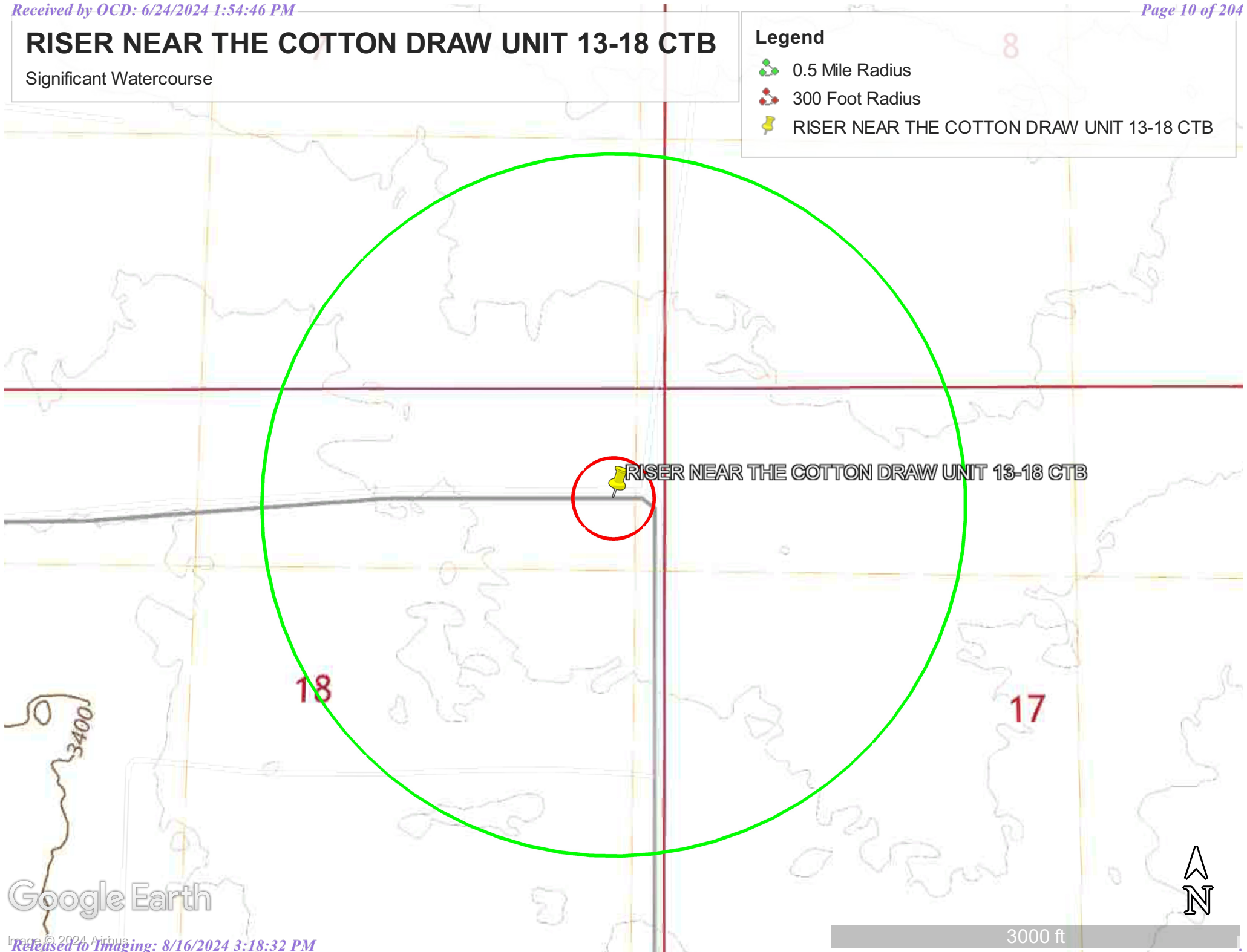


RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

Significant Watercourse

Legend

-  0.5 Mile Radius
-  300 Foot Radius
-  RISER NEAR THE COTTON DRAW UNIT 13-18 CTB



Google Earth

3000 ft



Wetlands Map



March 12, 2024

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- Other
- Freshwater Pond
- 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.

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
Riser Near the Cotton Draw Unit 13-18 CTB
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								10 mg/kg	---	---	---	50 mg/kg	
Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC													
Vertical Delineation Samples													
S-1	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	8,550
	3/14/2024	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	282
	3/14/2024	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	839
	3/14/2024	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	434
	3/14/2024	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2,080
S-2	3/14/2024	5-5.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	174
	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	7,050
	3/14/2024	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	7,850
	3/14/2024	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,150
	3/14/2024	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1,040
S-3	3/14/2024	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1,190
	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	8,160
	3/14/2024	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,250
	3/14/2024	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,460
	3/14/2024	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	3,390
S-4	3/14/2024	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2,420
	3/14/2024	5-5.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	27.1
	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,290
	3/14/2024	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	5,670
	3/14/2024	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,940
S-5	3/14/2024	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	9,770
	3/14/2024	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	758
	3/14/2024	5-5.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	866
	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	7,910
	3/14/2024	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	5,080
S-6	3/14/2024	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1,300
	3/14/2024	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	702
	3/14/2024	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	777
	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1,860
	3/14/2024	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1,830
S-7	3/14/2024	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	229
	3/14/2024	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	261
	3/14/2024	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	55.1
	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	8,190
	3/14/2024	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,500
S-8	3/14/2024	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	4,890
	3/14/2024	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	3,070
	3/14/2024	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	97
	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	8,320
S-8	3/14/2024	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,660
	3/14/2024	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	4,870
	3/14/2024	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	4,310
	3/14/2024	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1,470

Table 1
Summary of Soil Analytical Data - Delineation Samples
Riser Near the Cotton Draw Unit 13-18 CTB
Devon Energy Production Company
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								10 mg/kg	---	---	---	50 mg/kg	
Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC													
S-9	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	12,000
	3/14/2024	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	3,730
	3/14/2024	2-2.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	751
	3/14/2024	3-3.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	395
	3/14/2024	4-4.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	136
TP-1	4/2/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
	4/2/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	4/2/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
TP-2	4/2/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
	4/2/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
	4/2/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
TP-3	4/2/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,140
	4/2/2024	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,880
	4/2/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	4/2/2024	7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,470
	4/2/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
Horizontal Delineation Samples													
H-1	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-2	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-3	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-4	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-5	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-6	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-7	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-8	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-9	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-10	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-11	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-12	3/14/2024	0-6"	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0

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
- 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

SP-1 Sample Point Excavated

Table 2
 Summary of Soil Analytical Data - Confirmation Samples
 Riser Near the Cotton Draw Unit 13-18 CTB
 Devon Energy Production Company
 Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	TPH										Chloride	
			Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)		
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)
			Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg	
Base Confirmation Samples														
CS-1	6/11/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-2	6/11/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-3	6/11/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-4	6/11/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-5	6/11/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-6	6/11/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-7	6/11/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-8	6/11/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-9	6/11/2024	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-10	6/11/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-11	6/11/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-12	6/11/2024	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-13	6/11/2024	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-14	6/11/2024	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-15	6/11/2024	4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-16	6/11/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-17	6/11/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-18	6/11/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-19	6/11/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-20	6/11/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-21	6/11/2024	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-22	6/11/2024	5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-23	6/11/2024	5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-24	6/11/2024	5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-25	6/11/2024	5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-26	6/11/2024	5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-27	6/11/2024	5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
Sidewall Confirmation Samples														
SW-1	6/11/2024	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-2	6/11/2024	3.5-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-3	6/11/2024	3.5-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-4	6/11/2024	4.5-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-5	6/11/2024	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-6	6/11/2024	2.5-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-7	6/11/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-8	6/11/2024	2.5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

Table 1
 Summary of Soil Analytical Data - Initial Assessment Samples
 Riser Near the Cotton Draw Unit 13-18 CTB
 Devon Energy Production Company
 Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC					
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Base Confirmation Samples													
SW-9	6/11/2024	6-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-10	6/11/2024	4.5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-11	6/11/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-12	6/11/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-13	6/11/2024	0-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-14	6/11/2024	5.5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-15	6/11/2024	4.5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-16	6/11/2024	0-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-17	6/11/2024	0-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-18	6/11/2024	0-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-19	6/11/2024	0-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-20	6/11/2024	0-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

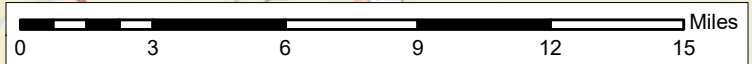
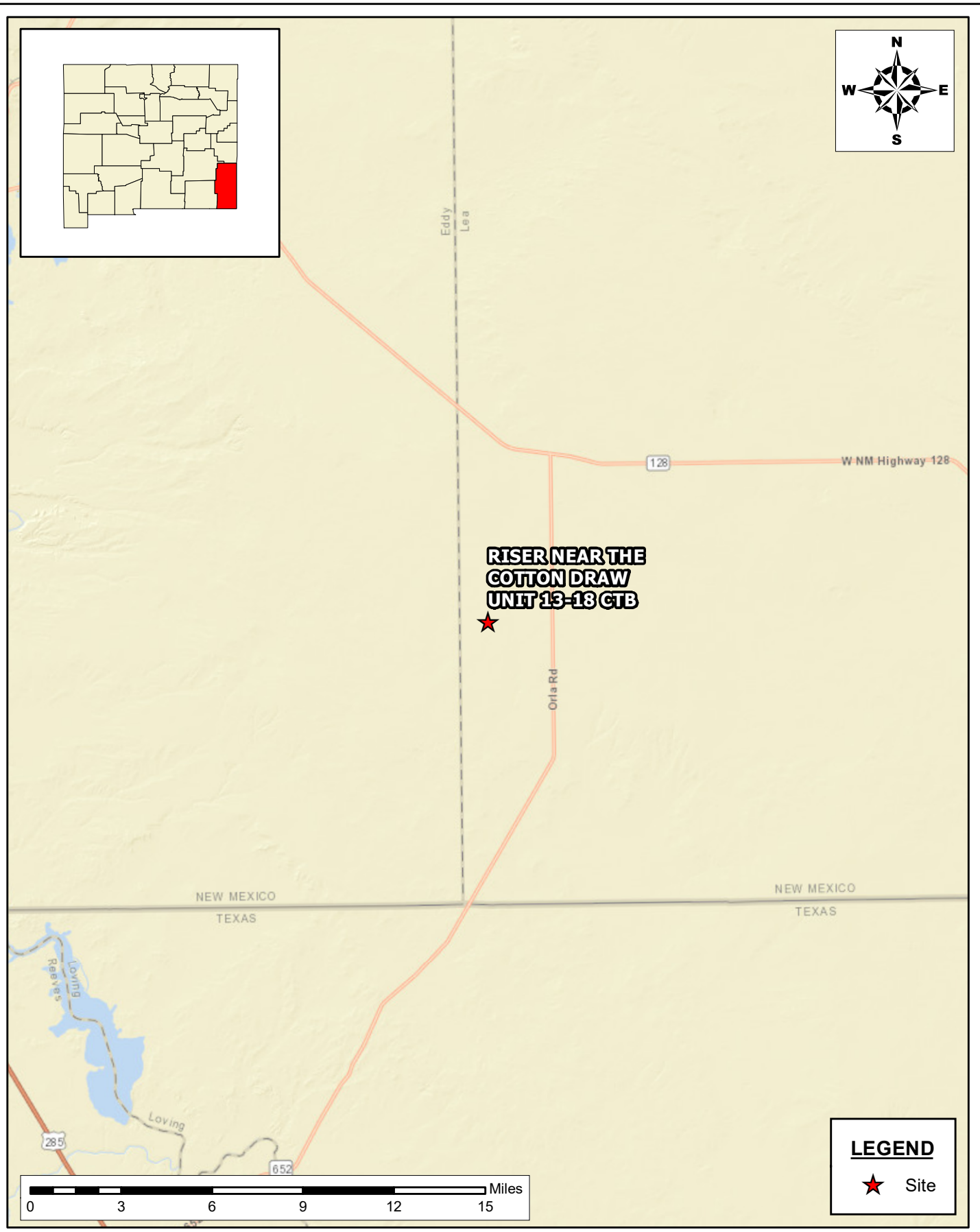
Notes:

- 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
- 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

 Sample Point Excavated

FIGURES

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LEGEND

★ Site

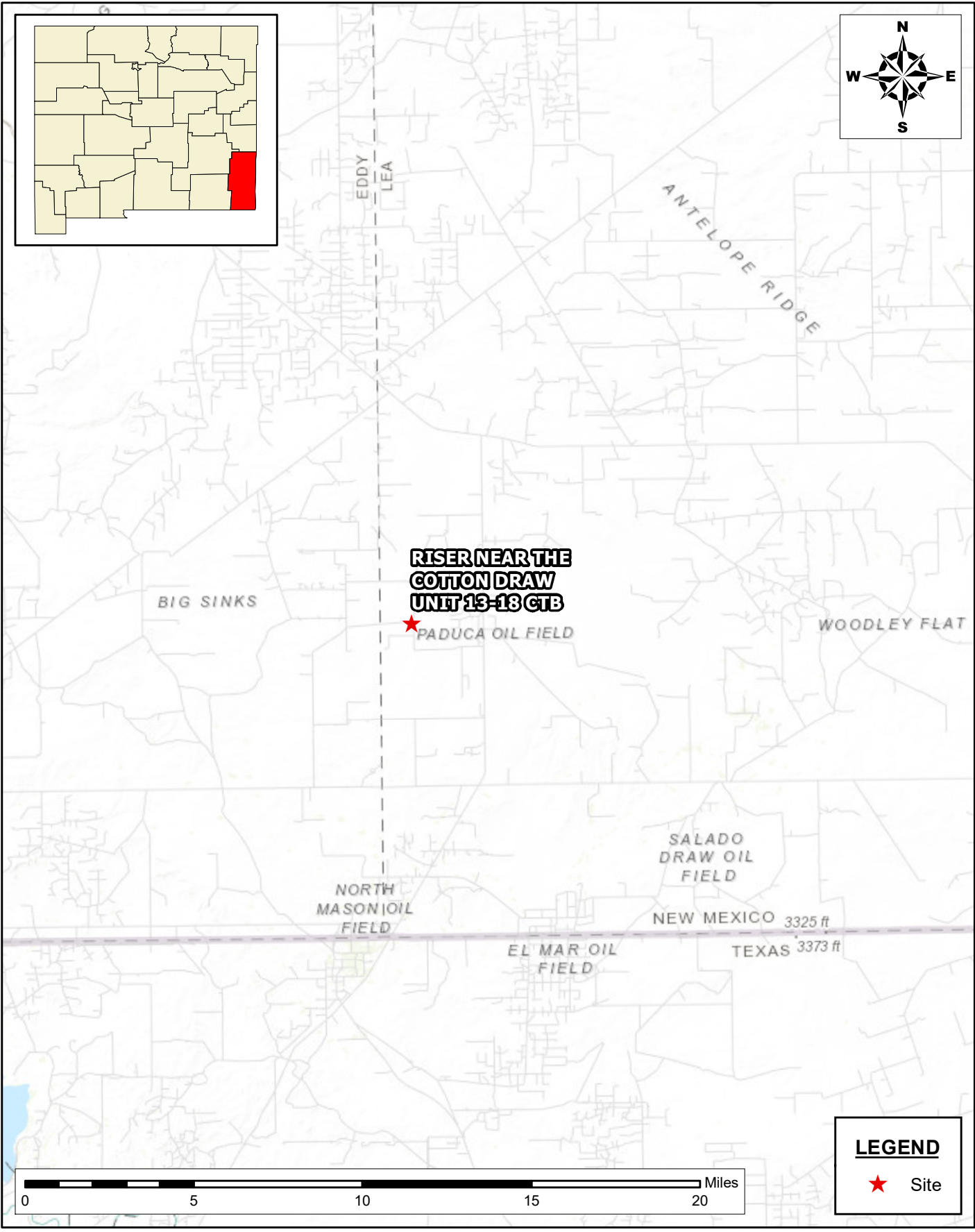
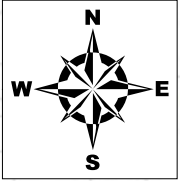
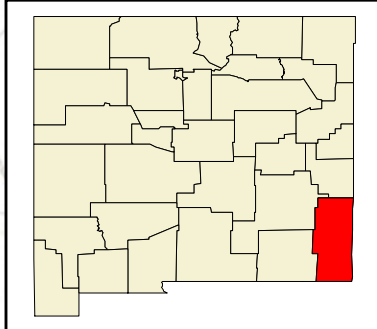
**SITE LOCATION MAP
CLOSURE REPORT**
 RISER NEAR COTTON DRAW UNIT 13-18 CTB
 DEVON ENERGY PRODUCTION CORPORATION
 LEA COUNTY, NEW MEXICO


New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
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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 1
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LEGEND

★ Site

TOPOGRAPHIC MAP CLOSURE REPORT
 DEVON ENERGY PRODUCTION COMPANY
 RISER NEAR THE COTTON DRAW UNIT 13-18 CTB
 LEA COUNTY, NEW MEXICO

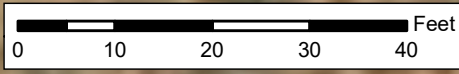
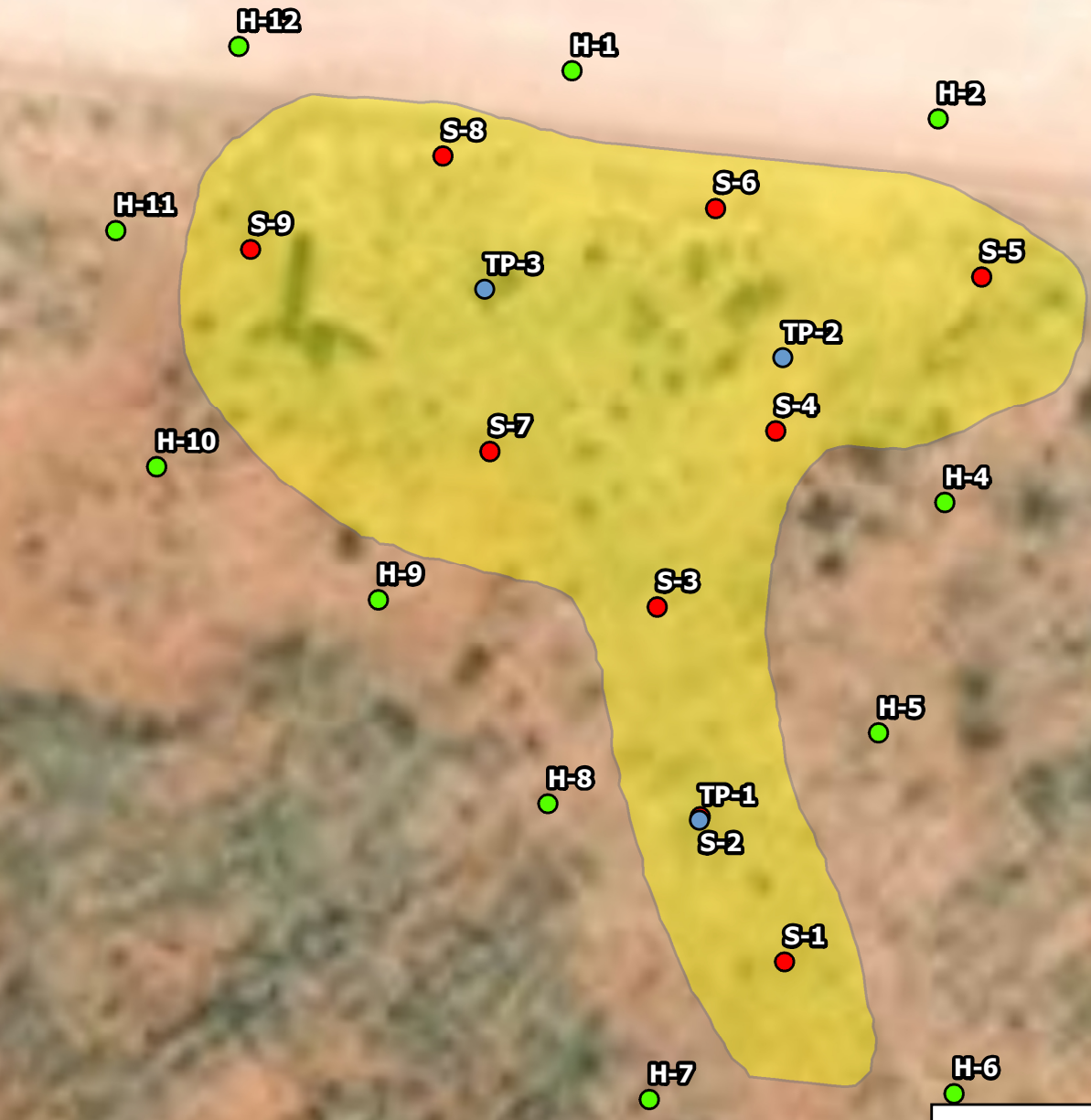
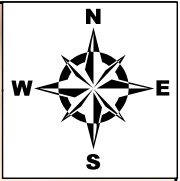
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NOTES:
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 2. Map Projection: NAD 1983

DRAWING NUMBER:
FIGURE 2
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LEGEND

- Test Pit Location
- Horizontal Sample
- Vertical Sample
- Area of Concern

**SITE ASSESSMENT MAP
CLOSURE REPORT**
 DEVON ENERGY PRODUCTION COMPANY
 RISER NEAR THE COTTON DRAW UNIT 13-18 CTB
 LEA COUNTY, NEW MEXICO

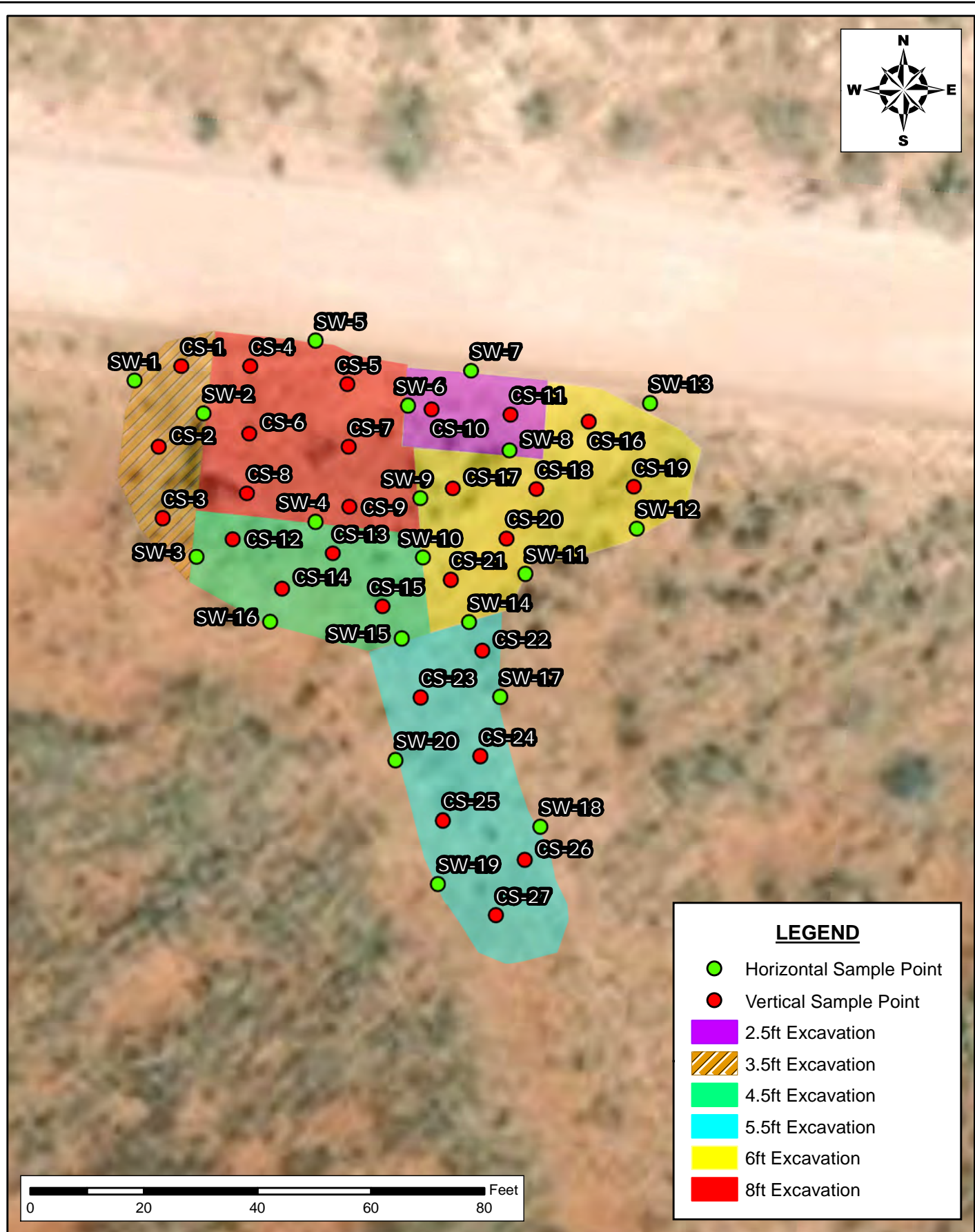
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NOTES:
 1. Base Image: ESRI Maps & Data 2017
 2. Map Projection: NAD 1983

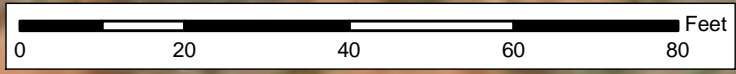
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LEGEND

- Horizontal Sample Point
- Vertical Sample Point
- 2.5ft Excavation
- 3.5ft Excavation
- 4.5ft Excavation
- 5.5ft Excavation
- 6ft Excavation
- 8ft Excavation



**CONFIRMATION SAMPLING MAP
CLOSURE REPORT**
DEVON ENERGY PRODUCTION COMPANY
RISER NEAR THE COTTON DRAW UNIT 13-18 CTB
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN	DATE: 06/13/2024	PROJECT #: 248489
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NTG
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NOTES:

1. Base Image: ESRI Maps & Data 2017
2. Map Projection: NAD 1983

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FIGURE 4

SHEET NUMBER:
1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG
Devon Energy Production Company
RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

Photograph No. 1

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
Area of Concern



Photograph No. 2

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
Area of Concern



Photograph No. 3

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
Area of Concern



PHOTOGRAPHIC LOG

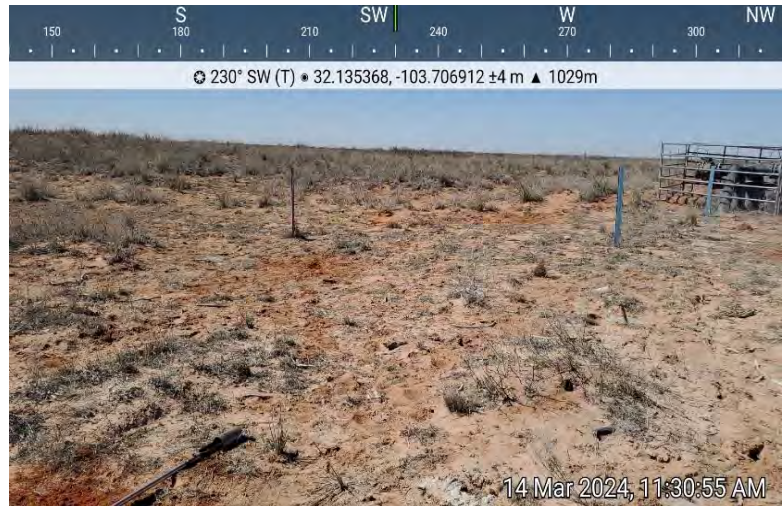
Devon Energy Production Company
RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

Photograph No. 4

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
Initial Assesment



Photograph No. 5

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
Initial Assesment



Photograph No. 6

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
Initial Assesment



PHOTOGRAPHIC LOG

Devon Energy Production Company
RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

Photograph No. 7

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
Test Pits



Photograph No. 8

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
Test Pits



Photograph No. 9

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
Test Pits



PHOTOGRAPHIC LOG

Devon Energy Production Company

RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

Photograph No. 10

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
View of Excavation



Photograph No. 11

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
View of Excavation

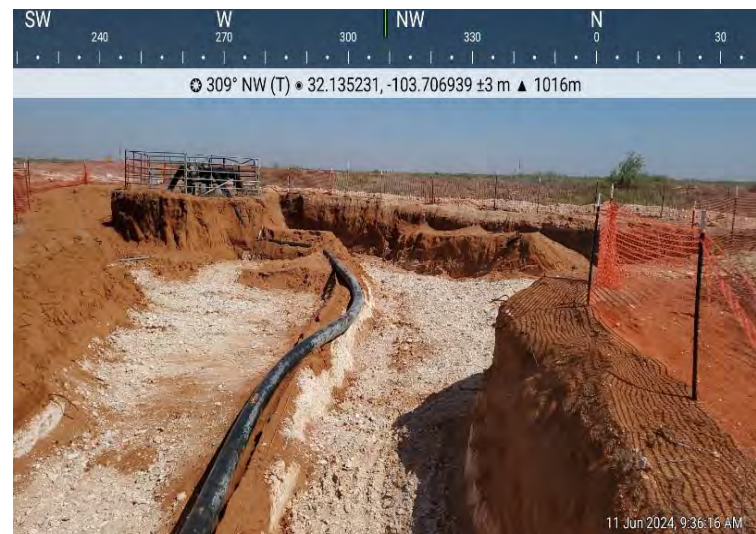


Photograph No. 12

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
View of Excavation



PHOTOGRAPHIC LOG

Devon Energy Production Company

RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

Photograph No. 13

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
View of Excavation



Photograph No. 14

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

County: Lea County, New Mexico

Description:
View of Excavation

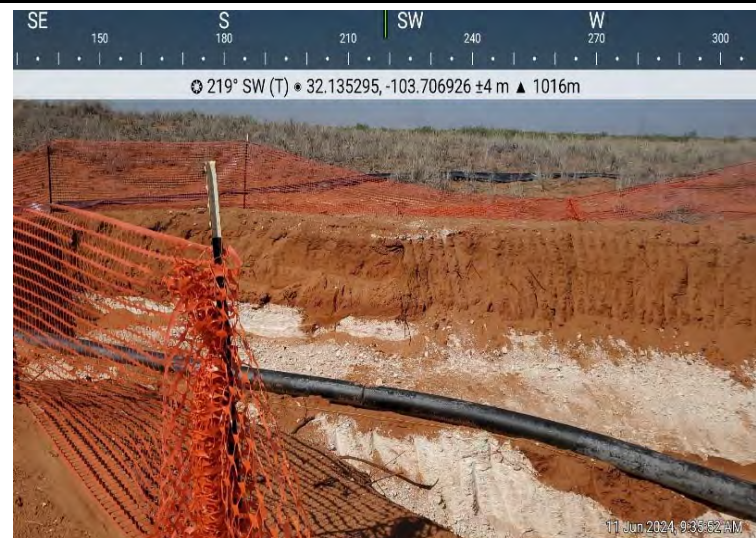


Photograph No. 15

Facility: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

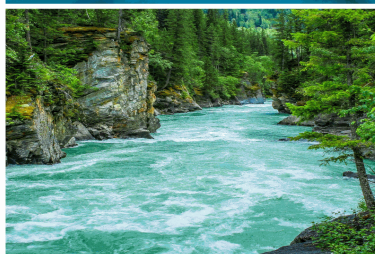
County: Lea County, New Mexico

Description:
View of Excavation



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

Report to:
Ethan Sessums



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB
Work Order:	E403172
Job Number:	01058-0007
Received:	3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/22/24

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



Date Reported: 3/22/24

Ethan Sessums
911 Regional Park Dr.
Houston, TX 77060

Project Name: Riser Near the Cotton Draw Unit 13-18 CTB
Workorder: E403172
Date Received: 3/18/2024 8:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Riser Near the Cotton Draw Unit 13-18 CTB.

The analytical test results summarized in this report with the Project Name: Riser Near the Cotton Draw Unit 13-18 CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 03/22/24 15:48
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S -1 0-6"	E403172-01A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S -1 1-1.5'	E403172-02A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S -1 2- 2.5'	E403172-03A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S -1 3- 3.5'	E403172-04A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S -1 4- 4.5'	E403172-05A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S -1 5- 5.5'	E403172-06A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S -2 0-6"	E403172-07A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S -2 1-1.5'	E403172-08A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S -2 2-2.5'	E403172-09A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-2 3-3.5'	E403172-10A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-2 4-4.5'	E403172-11A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-3 0-6"	E403172-12A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-3 1-1.5'	E403172-13A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-3 2-2.5'	E403172-14A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-3 3-3.5'	E403172-15A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-3 4-4.5'	E403172-16A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-3 5-5.5'	E403172-17A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-4 0-6"	E403172-18A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-4 1-1.5'	E403172-19A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-4 2-2.5'	E403172-20A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-4 3-3.5'	E403172-21A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-4 4-4.5'	E403172-22A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-4 5-5.5'	E403172-23A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-5 0-6"	E403172-24A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-5 1-1.5'	E403172-25A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-5 2-2.5'	E403172-26A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-5 3-3.5'	E403172-27A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-5 4-4.5'	E403172-28A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-6 0-6"	E403172-29A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-6 1-1.5'	E403172-30A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S -1 0-6"

E403172-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		70.4 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412044
Chloride	8550	200	10	03/19/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S -1 1-1.5'

E403172-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		90.7 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.3 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>						
		70.4 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412044
Chloride	282	20.0	1	03/19/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S -1 2- 2.5'

E403172-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		90.8 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.9 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>						
		62.9 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412044
Chloride	839	20.0	1	03/19/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S -1 3- 3.5'

E403172-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		71.1 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412044
Chloride	434	20.0	1	03/19/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S -1 4- 4.5'

E403172-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		72.7 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412044
Chloride	2080	20.0	1	03/19/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S -1 5- 5.5'

E403172-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		68.6 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412044
Chloride	174	20.0	1	03/19/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S -2 0-6"

E403172-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.5 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		71.1 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412044
Chloride	7050	100	5	03/19/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S -2 1-1.5'

E403172-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.4 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>						
		76.7 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412044
Chloride	7850	100	5	03/19/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S -2 2-2.5'

E403172-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.3 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.8 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>						
		72.3 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412044
Chloride	6150	100	5	03/19/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-2 3-3.5'

E403172-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.3 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		70.5 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412044
Chloride	1040	20.0	1	03/19/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-2 4-4.5'

E403172-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.1 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.3 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		74.6 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	1190	20.0	1	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-3 0-6"

E403172-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		90.5 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.9 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>						
		69.9 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	8160	100	5	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-3 1-1.5'

E403172-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.5 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		70.5 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	6250	100	5	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-3 2-2.5'

E403172-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		90.3 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.9 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>						
		68.9 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	6460	100	5	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-3 3-3.5'

E403172-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		69.0 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	3390	40.0	2	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-3 4-4.5'

E403172-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.6 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		72.9 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	2420	20.0	1	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-3 5-5.5'

E403172-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.5 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		73.7 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	27.1	20.0	1	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-4 0-6"

E403172-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.4 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.1 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		71.2 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	6290	100	5	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-4 1-1.5'

E403172-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.1 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		73.3 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	5670	100	5	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-4 2-2.5'

E403172-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.4 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412028
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		73.8 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	6940	100	5	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-4 3-3.5'

E403172-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.2 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.2 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		86.1 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	9770	200	10	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-4 4-4.5'

E403172-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.2 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.8 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.2 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.8 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		91.7 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	758	20.0	1	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-4 5-5.5'

E403172-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.5 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.3 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.5 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		86.7 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	866	20.0	1	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-5 0-6"

E403172-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.2 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.3 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.2 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.3 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		86.0 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	7910	100	5	03/20/24	03/20/24	

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-5 1-1.5'

E403172-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		86.8 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	5080	40.0	2	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-5 2-2.5'

E403172-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.1 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.1 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		91.3 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	1300	20.0	1	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-5 3-3.5'

E403172-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		106 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.6 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		90.5 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	702	20.0	1	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-5 4-4.5'

E403172-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		105 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/19/24	
<i>Surrogate: n-Nonane</i>		96.3 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	777	20.0	1	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-6 0-6"

E403172-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.9 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		85.5 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	1860	20.0	1	03/20/24	03/20/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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S-6 1-1.5'

E403172-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.3 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.3 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		89.1 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: IY		Batch: 2412056
Chloride	1830	20.0	1	03/20/24	03/20/24	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412033-BLK1)

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.513		0.500		103		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3		70-130		
Surrogate: Toluene-d8	0.493		0.500		98.5		70-130		

LCS (2412033-BS1)

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	2.43	0.0250	2.50		97.1		70-130		
Ethylbenzene	2.48	0.0250	2.50		99.4		70-130		
Toluene	2.35	0.0250	2.50		94.0		70-130		
o-Xylene	2.52	0.0250	2.50		101		70-130		
p,m-Xylene	5.03	0.0500	5.00		101		70-130		
Total Xylenes	7.55	0.0250	7.50		101		70-130		
Surrogate: Bromofluorobenzene	0.531		0.500		106		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3		70-130		
Surrogate: Toluene-d8	0.505		0.500		101		70-130		

Matrix Spike (2412033-MS1)

Source: E403172-25

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	2.46	0.0250	2.50	ND	98.4		48-131		
Ethylbenzene	2.47	0.0250	2.50	ND	98.8		45-135		
Toluene	2.33	0.0250	2.50	ND	93.2		48-130		
o-Xylene	2.47	0.0250	2.50	ND	98.8		43-135		
p,m-Xylene	4.90	0.0500	5.00	ND	97.9		43-135		
Total Xylenes	7.37	0.0250	7.50	ND	98.2		43-135		
Surrogate: Bromofluorobenzene	0.522		0.500		104		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1		70-130		
Surrogate: Toluene-d8	0.496		0.500		99.2		70-130		

Matrix Spike Dup (2412033-MSD1)

Source: E403172-25

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	2.42	0.0250	2.50	ND	96.9		48-131	1.54	23
Ethylbenzene	2.49	0.0250	2.50	ND	99.7		45-135	0.947	27
Toluene	2.35	0.0250	2.50	ND	94.1		48-130	0.961	24
o-Xylene	2.54	0.0250	2.50	ND	102		43-135	2.77	27
p,m-Xylene	5.04	0.0500	5.00	ND	101		43-135	3.01	27
Total Xylenes	7.58	0.0250	7.50	ND	101		43-135	2.93	27
Surrogate: Bromofluorobenzene	0.517		0.500		103		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6		70-130		
Surrogate: Toluene-d8	0.502		0.500		100		70-130		



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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Volatile Organics by EPA 8021B

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412032-BLK1)

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.30		8.00		91.3	70-130			

LCS (2412032-BS1)

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	4.89	0.0250	5.00		97.8	70-130			
Ethylbenzene	5.09	0.0250	5.00		102	70-130			
Toluene	5.03	0.0250	5.00		101	70-130			
o-Xylene	5.04	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

Matrix Spike (2412032-MS1)

Source: E403172-06

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	4.97	0.0250	5.00	ND	99.3	54-133			
Ethylbenzene	5.19	0.0250	5.00	ND	104	61-133			
Toluene	5.13	0.0250	5.00	ND	103	61-130			
o-Xylene	5.15	0.0250	5.00	ND	103	63-131			
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

Matrix Spike Dup (2412032-MSD1)

Source: E403172-06

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	4.86	0.0250	5.00	ND	97.2	54-133	2.21	20	
Ethylbenzene	5.09	0.0250	5.00	ND	102	61-133	1.91	20	
Toluene	5.02	0.0250	5.00	ND	100	61-130	2.15	20	
o-Xylene	5.05	0.0250	5.00	ND	101	63-131	1.86	20	
p,m-Xylene	10.3	0.0500	10.0	ND	103	63-131	1.97	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	1.93	20	
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: EG

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412032-BLK1)

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.3	70-130			

LCS (2412032-BS2)

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	70-130			

Matrix Spike (2412032-MS2)

Source: E403172-06

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0	ND	93.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			

Matrix Spike Dup (2412032-MSD2)

Source: E403172-06

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.0	70-130	1.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412033-BLK1)

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2412033-BS2)

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.5	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike (2412033-MS2)

Source: E403172-25

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.9	70-130			
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

Matrix Spike Dup (2412033-MSD2)

Source: E403172-25

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	96.9	70-130	9.78	20	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412028-BLK1)

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	35.4		50.0		70.9	50-200			

LCS (2412028-BS1)

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	232	25.0	250		92.8	38-132			
Surrogate: <i>n</i> -Nonane	36.6		50.0		73.1	50-200			

Matrix Spike (2412028-MS1)

Source: E403172-03

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.8	38-132			
Surrogate: <i>n</i> -Nonane	35.8		50.0		71.6	50-200			

Matrix Spike Dup (2412028-MSD1)

Source: E403172-03

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	231	25.0	250	ND	92.2	38-132	0.472	20	
Surrogate: <i>n</i> -Nonane	35.1		50.0		70.1	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412030-BLK1)

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.4		50.0		92.8	50-200			

LCS (2412030-BS1)

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	289	25.0	250		116	38-132			
Surrogate: n-Nonane	46.3		50.0		92.5	50-200			

Matrix Spike (2412030-MS1)

Source: E403173-30

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	45.1		50.0		90.3	50-200			

Matrix Spike Dup (2412030-MSD1)

Source: E403173-30

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132	1.01	20	
Surrogate: n-Nonane	44.2		50.0		88.4	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412044-BLK1)

Prepared: 03/19/24 Analyzed: 03/20/24

Chloride	ND	20.0							
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LCS (2412044-BS1)

Prepared: 03/19/24 Analyzed: 03/20/24

Chloride	250	20.0	250		99.8	90-110			
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LCS Dup (2412044-BSD1)

Prepared: 03/19/24 Analyzed: 03/20/24

Chloride	249	20.0	250		99.8	90-110	0.0232	20	
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QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/22/2024 3:48:43PM
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Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412056-BLK1)

Prepared: 03/20/24 Analyzed: 03/20/24

Chloride	ND	20.0							
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LCS (2412056-BS1)

Prepared: 03/20/24 Analyzed: 03/20/24

Chloride	249	20.0	250		99.7	90-110			
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Matrix Spike (2412056-MS1)

Source: E403172-11

Prepared: 03/20/24 Analyzed: 03/20/24

Chloride	1210	20.0	250	1190	10.8	80-120			M4
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Matrix Spike Dup (2412056-MSD1)

Source: E403172-11

Prepared: 03/20/24 Analyzed: 03/20/24

Chloride	1200	20.0	250	1190	7.19	80-120	0.757	20	M4
----------	------	------	-----	------	------	--------	-------	----	----

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 03/22/24 15:48
---	---	------------------------------------

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody



Work Order No: E403172
Project No: 01050-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Riser Near the Cotton Draw Unit 13-18 CTB		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:		248489		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush												None: NO DI Water: H ₂ O					
Project Location:		Lea County New Mexico		Due Date:												Cool: Cool MeOH: Me					
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃ : HN					
PO #:		21308860														H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Wet Ice:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>												H ₃ PO ₄ : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:												NaHSO ₃ : NABIS					
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:												Zn Acetate+NaOH: Zn					
Total Containers:		60		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC					
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments			
S-1	0-6"	3/14/2024	11:30	X		Grab	1	BTEX 8021B											1		
S-1	1-1.5	3/14/2024	11:34	X		Grab	1	TPH 8015M (GRO + DRO + MRO)											2		
S-1	2-2.5	3/14/2024	11:38	X		Grab	1	Chloride #500 ~ 300.0											3		
S-1	3-3.5	3/14/2024	11:42	X		Grab	1												4		
S-1	4-4.5	3/14/2024	11:46	X		Grab	1												5		
S-1	5-5.5	3/14/2024	11:50	X		Grab	1												6		
S-2	0-6"	3/14/2024	11:54	X		Grab	1												7		
S-2	1-1.5	3/14/2024	11:58	X		Grab	1												8		
S-2	2-2.5	3/14/2024	12:02	X		Grab	1												9		
S-2	3-3.5	3/14/2024	12:06	X		Grab	1												10		

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>Michelle Coyb</i>	3-15-24 1030	<i>Michelle Coyb</i>	<i>S.M.</i>	3-15-24 1700
3 <i>[Signature]</i>				<i>[Signature]</i>	3/18/24 0830
5					

Chain of Custody



Work Order No: E403172
Project NO: 01050-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB		Turn Around		ANALYSIS REQUEST										Preservative Codes								
Project Number:	248489		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																	None: NO	DI Water: H ₂ O
Project Location	Lea County New Mexico		Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500 300.0	HOLD											Cool: Cool	MeOH: Me		
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																	HCL: HC	HNO ₃ : HN		
PO #:	21308860																			H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A	Thermometer ID:																	NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃								
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	Temperature Reading:	4°C											Zn Acetate+NaOH: Zn								
Total Containers:	60		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC								
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments					
S-2	4-4.5	3/14/2024	12:10	X		Grab	1	X	X	X													11
S-3	0-6"	3/14/2024	12:14	X		Grab	1	X	X	X													12
S-3	1-1.5	3/14/2024	12:18	X		Grab	1	X	X	X													13
S-3	2-2.5	3/14/2024	12:22	X		Grab	1	X	X	X													14
S-3	3-3.5	3/14/2024	12:26	X		Grab	1	X	X	X													15
S-3	4-4.5	3/14/2024	12:30	X		Grab	1	X	X	X													16
S-3	5-5.5	3/14/2024	12:34	X		Grab	1	X	X	X													17
S-4	0-6"	3/14/2024	12:38	X		Grab	1	X	X	X													18
S-4	1-1.5	3/14/2024	12:42	X		Grab	1	X	X	X													19
S-4	2-2.5	3/14/2024	12:46	X		Grab	1	X	X	X													20

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	Michelle Gonzalez	3/15/24 1030	Michelle Corp	J.M.	3/15/24 1700
				de	3/19/24 0930

Chain of Custody



Work Order No: E403172
Project No: 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:	248489	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code												None: NO	DI Water: H ₂ O		
Project Location	Lea County New Mexico	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500 300.0	HOLD								COOL: Cool	MeOH: Me		
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO ₃ : HN		
PO #:	21308860															H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:														NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:		Na ₂ S ₂ O ₃ : NaSO ₃															
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	4 °C	Zn Acetate+NaOH: Zn															
Total Containers:	60	Corrected Temperature:		NaOH+Ascorbic Acid: SAPC															
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont										Sample Comments		
S-4	3-3.5	3/14/2024	12:50	X		Grab	1	X	X	X								21	
S-4	4-4.5	3/14/2024	12:54	X		Grab	1	X	X	X								22	
S-4	5-5.5	3/14/2024	12:58	X		Grab	1	X	X	X								23	
S-5	0-6"	3/14/2024	1:02 PM	X		Grab	1	X	X	X								24	
S-5	1-1.5	3/14/2024	1:06 PM	X		Grab	1	X	X	X								25	
S-5	2-2.5	3/14/2024	1:10 PM	X		Grab	1	X	X	X								26	
S-5	3-3.5	3/14/2024	1:14 PM	X		Grab	1	X	X	X								27	
S-5	4-4.5	3/14/2024	1:18 PM	X		Grab	1	X	X	X								28	
S-6	0-6"	3/14/2024	1:22 PM	X		Grab	1	X	X	X								29	
S-6	1-1.5	3/14/2024	1:26 PM	X		Grab	1	X	X	X								30	

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>Michelle Coyne</i>	3-15-24 1030	2 <i>[Signature]</i>	<i>[Signature]</i>	3-15-24 1700
3 <i>[Signature]</i>			4 <i>[Signature]</i>	<i>[Signature]</i>	3/18/24 0930
5			6		

Envirotech Analytical Laboratory

Printed: 3/19/2024 12:25:26PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: NTG-New Tech Global Environmental Date Received: 03/18/24 08:30 Work Order ID: E403172
Phone: (281) 872-9300 Date Logged In: 03/18/24 12:34 Logged In By: Angelina Pineda
Email: esessums@ntglobal.com Due Date: 03/22/24 17:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

- 14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Empty box for client instructions.

Comments/Resolution

Project Riser Near the Cotton Draw Unit 13-18 CTB has been separated into multiple workorders due to high sample volume. WO are as follows: E403172, E403173

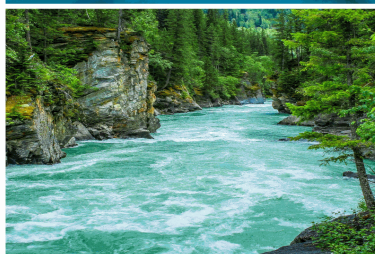
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ethan Sessums



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB
Work Order:	E403173
Job Number:	01058-0007
Received:	3/18/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/25/24

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



Date Reported: 3/25/24

Ethan Sessums
911 Regional Park Dr.
Houston, TX 77060

Project Name: Riser Near the Cotton Draw Unit 13-18 CTB
Workorder: E403173
Date Received: 3/18/2024 8:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/18/2024 8:30:00AM, under the Project Name: Riser Near the Cotton Draw Unit 13-18 CTB.

The analytical test results summarized in this report with the Project Name: Riser Near the Cotton Draw Unit 13-18 CTB apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

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ljjarboe@envirotech-inc.com

Michelle Golzales
Client Representative
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 03/25/24 17:11
---	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
S-6 2-2.5'	E403173-01A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-6 3-3.5'	E403173-02A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-6 4-4.5'	E403173-03A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-7 0-6"	E403173-04A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-7 1-1.5'	E403173-05A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-7 2-2.5'	E403173-06A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-7 3-3.5'	E403173-07A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-7 4-4.5'	E403173-08A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-8 0-6"	E403173-09A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-8 1-1.5'	E403173-10A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-8 2-2.5'	E403173-11A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-8 3-3.5'	E403173-12A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-8 4-4.5'	E403173-13A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-9 0-6"	E403173-14A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-9 1-1.5'	E403173-15A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-9 2-2.5'	E403173-16A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-9 3-3.5'	E403173-17A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
S-9 4-4.5'	E403173-18A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-1 0-6"	E403173-19A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-2 0-6"	E403173-20A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-3 0-6"	E403173-21A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-4 0-6"	E403173-22A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-5 0-6"	E403173-23A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-6 0-6"	E403173-24A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-7 0-6"	E403173-25A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-8 0-6"	E403173-26A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-9 0-6"	E403173-27A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-10 0-6"	E403173-28A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-11 0-6"	E403173-29A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.
H-12 0-6"	E403173-30A	Soil	03/14/24	03/18/24	Glass Jar, 4 oz.

Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-6 2-2.5'
E403173-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		96.0 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		101 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/21/24	
<i>Surrogate: n-Nonane</i>		95.1 %	50-200	03/19/24	03/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	229	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-6 3-3.5'

E403173-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		96.7 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.8 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		106 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/21/24	
<i>Surrogate: n-Nonane</i>		99.3 %	50-200	03/19/24	03/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	261	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-6 4-4.5'

E403173-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.0 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.0 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		97.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.0 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.0 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/21/24	
<i>Surrogate: n-Nonane</i>		96.5 %	50-200	03/19/24	03/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	55.1	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-7 0-6"

E403173-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.8 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/21/24	
<i>Surrogate: n-Nonane</i>		93.2 %	50-200	03/19/24	03/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	8190	100	5	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-7 1-1.5'

E403173-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/21/24	
<i>Surrogate: n-Nonane</i>		94.2 %	50-200	03/19/24	03/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	6500	100	5	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-7 2-2.5'

E403173-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		97.9 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.5 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/21/24	
<i>Surrogate: n-Nonane</i>		93.7 %	50-200	03/19/24	03/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	4890	40.0	2	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-7 3-3.5'

E403173-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		97.6 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		97.6 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		94.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/21/24	
<i>Surrogate: n-Nonane</i>		94.1 %	50-200	03/19/24	03/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	3070	40.0	2	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-7 4-4.5'

E403173-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		97.6 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		97.6 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.9 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/21/24	
<i>Surrogate: n-Nonane</i>		97.9 %	50-200	03/19/24	03/21/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	97.0	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-8 0-6"

E403173-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		98.6 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		88.0 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	8320	100	5	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-8 1-1.5'

E403173-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.7 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		98.7 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.7 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		94.7 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	6660	100	5	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-8 2-2.5'

E403173-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>						
		106 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>						
		101 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>						
		106 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>						
		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>						
		101 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>						
		106 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	4870	40.0	2	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-8 3-3.5'

E403173-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		107 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		94.8 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	4310	40.0	2	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-8 4-4.5'

E403173-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		99.3 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		104 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		100 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		97.4 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	1470	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-9 0-6"
E403173-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		90.1 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.6 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		90.1 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.6 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.6 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		96.7 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	12000	200	10	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-9 1-1.5'

E403173-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.6 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		101 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.6 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		91.6 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	3730	40.0	2	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-9 2-2.5'

E403173-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		93.5 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	751	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-9 3-3.5'

E403173-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/22/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/22/24	
Toluene	ND	0.0250	1	03/19/24	03/22/24	
o-Xylene	ND	0.0250	1	03/19/24	03/22/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/22/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/22/24	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	03/19/24	03/22/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.4 %	70-130	03/19/24	03/22/24	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	03/19/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/22/24	
<i>Surrogate: Bromofluorobenzene</i>		98.3 %	70-130	03/19/24	03/22/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.4 %	70-130	03/19/24	03/22/24	
<i>Surrogate: Toluene-d8</i>		99.7 %	70-130	03/19/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		100 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	395	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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S-9 4-4.5'

E403173-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/22/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/22/24	
Toluene	ND	0.0250	1	03/19/24	03/22/24	
o-Xylene	ND	0.0250	1	03/19/24	03/22/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/22/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/22/24	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	03/19/24	03/22/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.6 %	70-130	03/19/24	03/22/24	
<i>Surrogate: Toluene-d8</i>		96.9 %	70-130	03/19/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/22/24	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	03/19/24	03/22/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		93.6 %	70-130	03/19/24	03/22/24	
<i>Surrogate: Toluene-d8</i>		96.9 %	70-130	03/19/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		80.0 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	136	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-1 0-6"

E403173-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/22/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/22/24	
Toluene	ND	0.0250	1	03/19/24	03/22/24	
o-Xylene	ND	0.0250	1	03/19/24	03/22/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/22/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/22/24	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	03/19/24	03/22/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.0 %	70-130	03/19/24	03/22/24	
<i>Surrogate: Toluene-d8</i>		98.9 %	70-130	03/19/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/22/24	
<i>Surrogate: Bromofluorobenzene</i>		98.2 %	70-130	03/19/24	03/22/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.0 %	70-130	03/19/24	03/22/24	
<i>Surrogate: Toluene-d8</i>		98.9 %	70-130	03/19/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		94.3 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-2 0-6"

E403173-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Benzene	ND	0.0250	1	03/19/24	03/22/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/22/24	
Toluene	ND	0.0250	1	03/19/24	03/22/24	
o-Xylene	ND	0.0250	1	03/19/24	03/22/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/22/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/22/24	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	03/19/24	03/22/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	03/19/24	03/22/24	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	03/19/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/22/24	
<i>Surrogate: Bromofluorobenzene</i>		96.1 %	70-130	03/19/24	03/22/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		100 %	70-130	03/19/24	03/22/24	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	03/19/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412029
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/22/24	
<i>Surrogate: n-Nonane</i>		97.7 %	50-200	03/19/24	03/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412068
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-3 0-6"

E403173-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.4 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		96.3 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412069
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-4 0-6"

E403173-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		97.5 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.9 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		97.5 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		91.1 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412069
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-5 0-6"

E403173-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.9 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		97.4 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.9 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		97.4 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		92.7 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412069
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-6 0-6"

E403173-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		98.7 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		94.2 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412069
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-7 0-6"

E403173-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.8 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		99.6 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		93.8 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412069
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-8 0-6"

E403173-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		97.7 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		96.3 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		96.7 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412069
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-9 0-6"

E403173-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		97.4 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/20/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		98.4 %	70-130	03/19/24	03/20/24	
<i>Surrogate: Toluene-d8</i>		97.4 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		95.2 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2412069
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-10 0-6"

E403173-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RAS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	03/19/24	03/21/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/19/24	03/21/24	
<i>Surrogate: Toluene-d8</i>		96.9 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RAS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	03/19/24	03/21/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		102 %	70-130	03/19/24	03/21/24	
<i>Surrogate: Toluene-d8</i>		96.9 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		94.6 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2412069
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-11 0-6"
E403173-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/21/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	03/19/24	03/21/24	
<i>Surrogate: Toluene-d8</i>		97.5 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: Bromofluorobenzene</i>		103 %	70-130	03/19/24	03/21/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.2 %	70-130	03/19/24	03/21/24	
<i>Surrogate: Toluene-d8</i>		97.5 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		95.7 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412069
Chloride	ND	20.0	1	03/20/24	03/21/24	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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H-12 0-6"

E403173-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Benzene	ND	0.0250	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/19/24	03/21/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.0 %	70-130	03/19/24	03/21/24	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	03/19/24	03/21/24	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.0 %	70-130	03/19/24	03/21/24	
<i>Surrogate: Toluene-d8</i>		97.9 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KM		Batch: 2412030
Diesel Range Organics (C10-C28)	ND	25.0	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/19/24	03/20/24	
<i>Surrogate: n-Nonane</i>		91.7 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2412069
Chloride	ND	20.0	1	03/20/24	03/21/24	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412031-BLK1)

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS (2412031-BS1)

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	2.31	0.0250	2.50		92.2	70-130			
Ethylbenzene	2.37	0.0250	2.50		94.7	70-130			
Toluene	2.50	0.0250	2.50		99.8	70-130			
o-Xylene	2.35	0.0250	2.50		93.9	70-130			
p,m-Xylene	4.75	0.0500	5.00		95.0	70-130			
Total Xylenes	7.10	0.0250	7.50		94.7	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike (2412031-MS1)

Source: E403173-06

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	2.28	0.0250	2.50	ND	91.0	48-131			
Ethylbenzene	2.34	0.0250	2.50	ND	93.6	45-135			
Toluene	2.68	0.0250	2.50	ND	107	48-130			
o-Xylene	2.55	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.13	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.68	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.479		0.500		95.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.544		0.500		109	70-130			

Matrix Spike Dup (2412031-MSD1)

Source: E403173-06

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	2.26	0.0250	2.50	ND	90.6	48-131	0.507	23	
Ethylbenzene	2.40	0.0250	2.50	ND	96.1	45-135	2.64	27	
Toluene	2.49	0.0250	2.50	ND	99.7	48-130	7.40	24	
o-Xylene	2.71	0.0250	2.50	ND	108	43-135	5.95	27	
p,m-Xylene	5.46	0.0500	5.00	ND	109	43-135	6.14	27	
Total Xylenes	8.16	0.0250	7.50	ND	109	43-135	6.08	27	
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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Volatile Organic Compounds by EPA 8260B

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412033-BLK1)

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.513		0.500		103		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3		70-130		
Surrogate: Toluene-d8	0.493		0.500		98.5		70-130		

LCS (2412033-BS1)

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	2.43	0.0250	2.50		97.1		70-130		
Ethylbenzene	2.48	0.0250	2.50		99.4		70-130		
Toluene	2.35	0.0250	2.50		94.0		70-130		
o-Xylene	2.52	0.0250	2.50		101		70-130		
p,m-Xylene	5.03	0.0500	5.00		101		70-130		
Total Xylenes	7.55	0.0250	7.50		101		70-130		
Surrogate: Bromofluorobenzene	0.531		0.500		106		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3		70-130		
Surrogate: Toluene-d8	0.505		0.500		101		70-130		

Matrix Spike (2412033-MS1)

Source: E403172-25

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	2.46	0.0250	2.50	ND	98.4		48-131		
Ethylbenzene	2.47	0.0250	2.50	ND	98.8		45-135		
Toluene	2.33	0.0250	2.50	ND	93.2		48-130		
o-Xylene	2.47	0.0250	2.50	ND	98.8		43-135		
p,m-Xylene	4.90	0.0500	5.00	ND	97.9		43-135		
Total Xylenes	7.37	0.0250	7.50	ND	98.2		43-135		
Surrogate: Bromofluorobenzene	0.522		0.500		104		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1		70-130		
Surrogate: Toluene-d8	0.496		0.500		99.2		70-130		

Matrix Spike Dup (2412033-MSD1)

Source: E403172-25

Prepared: 03/19/24 Analyzed: 03/20/24

Benzene	2.42	0.0250	2.50	ND	96.9		48-131	1.54	23
Ethylbenzene	2.49	0.0250	2.50	ND	99.7		45-135	0.947	27
Toluene	2.35	0.0250	2.50	ND	94.1		48-130	0.961	24
o-Xylene	2.54	0.0250	2.50	ND	102		43-135	2.77	27
p,m-Xylene	5.04	0.0500	5.00	ND	101		43-135	3.01	27
Total Xylenes	7.58	0.0250	7.50	ND	101		43-135	2.93	27
Surrogate: Bromofluorobenzene	0.517		0.500		103		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6		70-130		
Surrogate: Toluene-d8	0.502		0.500		100		70-130		



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412031-BLK1)

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.533		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

LCS (2412031-BS2)

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0		94.9	70-130			
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.576		0.500		115	70-130			

Matrix Spike (2412031-MS2)

Source: E403173-06

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.3	70-130			
Surrogate: Bromofluorobenzene	0.494		0.500		98.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			

Matrix Spike Dup (2412031-MSD2)

Source: E403173-06

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.5	70-130	9.43	20	
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412033-BLK1)

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.513		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.5	70-130			

LCS (2412033-BS2)

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.5	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.4	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike (2412033-MS2)

Source: E403172-25

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.9	70-130			
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

Matrix Spike Dup (2412033-MSD2)

Source: E403172-25

Prepared: 03/19/24 Analyzed: 03/20/24

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	96.9	70-130	9.78	20	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412029-BLK1)

Prepared: 03/19/24 Analyzed: 03/21/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	50.0		50.0		100	50-200			

LCS (2412029-BS1)

Prepared: 03/19/24 Analyzed: 03/21/24

Diesel Range Organics (C10-C28)	303	25.0	250		121	38-132			
Surrogate: <i>n</i> -Nonane	50.5		50.0		101	50-200			

Matrix Spike (2412029-MS1)

Source: E403173-07

Prepared: 03/19/24 Analyzed: 03/21/24

Diesel Range Organics (C10-C28)	306	25.0	250	ND	122	38-132			
Surrogate: <i>n</i> -Nonane	48.1		50.0		96.2	50-200			

Matrix Spike Dup (2412029-MSD1)

Source: E403173-07

Prepared: 03/19/24 Analyzed: 03/21/24

Diesel Range Organics (C10-C28)	303	25.0	250	ND	121	38-132	0.830	20	
Surrogate: <i>n</i> -Nonane	49.5		50.0		98.9	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412030-BLK1)

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.4		50.0		92.8	50-200			

LCS (2412030-BS1)

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	289	25.0	250		116	38-132			
Surrogate: n-Nonane	46.3		50.0		92.5	50-200			

Matrix Spike (2412030-MS1)

Source: E403173-30

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
Surrogate: n-Nonane	45.1		50.0		90.3	50-200			

Matrix Spike Dup (2412030-MSD1)

Source: E403173-30

Prepared: 03/19/24 Analyzed: 03/19/24

Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132	1.01	20	
Surrogate: n-Nonane	44.2		50.0		88.4	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412068-BLK1)

Prepared: 03/20/24 Analyzed: 03/20/24

Chloride	ND	20.0							
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LCS (2412068-BS1)

Prepared: 03/20/24 Analyzed: 03/20/24

Chloride	249	20.0	250		99.5	90-110			
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Matrix Spike (2412068-MS1)

Source: E403173-13

Prepared: 03/20/24 Analyzed: 03/21/24

Chloride	1800	20.0	250	1470	132	80-120			M4
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Matrix Spike Dup (2412068-MSD1)

Source: E403173-13

Prepared: 03/20/24 Analyzed: 03/21/24

Chloride	1830	20.0	250	1470	144	80-120	1.74	20	M4
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QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 3/25/2024 5:11:17PM
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Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2412069-BLK1)

Prepared: 03/20/24 Analyzed: 03/21/24

Chloride	ND	20.0							
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LCS (2412069-BS1)

Prepared: 03/20/24 Analyzed: 03/21/24

Chloride	250	20.0	250		100	90-110			
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Matrix Spike (2412069-MS1)

Source: E403183-23

Prepared: 03/20/24 Analyzed: 03/21/24

Chloride	256	20.0	250	ND	103	80-120			
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Matrix Spike Dup (2412069-MSD1)

Source: E403183-23

Prepared: 03/20/24 Analyzed: 03/21/24

Chloride	255	20.0	250	ND	102	80-120	0.401	20	
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QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Riser Near the Cotton Draw Unit 13-18 CTB Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 03/25/24 17:11
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M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody



Work Order No: **E403173**
 Project No: **0105B-0007**

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB		Turn Around		ANALYSIS REQUEST										Preservative Codes										
Project Number:	248489		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																None: NO	DI Water: H ₂ O			
Project Location	Lea County New Mexico		Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500 300.0	HOLD											Cool: Cool	MeOH: Me				
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																	HCL: HC	HNO ₃ : HN				
PO #:	21308860																			H ₂ SO ₄ : H ₂	NaOH: Na				
SAMPLE RECEIPT			Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						Wet Ice:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>												H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																	NaHSO ₃ : NABIS					
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃										
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:												Zn Acetate+NaOH: Zn										
Total Containers:	60		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC										
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments							
S-6	2-2.5	3/14/2024	1:30	X		Grab	1	X	X	X												1			
S-6	3-3.5	3/14/2024	1:34	X		Grab	1	X	X	X												2			
S-6	4-4.5	3/14/2024	1:38	X		Grab	1	X	X	X												3			
S-7	0-6"	3/14/2024	1:42	X		Grab	1	X	X	X												4			
S-7	1-1.5	3/14/2024	1:46	X		Grab	1	X	X	X												5			
S-7	2-2.5	3/14/2024	1:50	X		Grab	1	X	X	X												6			
S-7	3-3.5	3/14/2024	1:54	X		Grab	1	X	X	X												7			
S-7	4-4.5	3/14/2024	1:58	X		Grab	1	X	X	X												8			
S-8	0-6"	3/14/2024	2:02	X		Grab	1	X	X	X												9			
S-8	1-1.5	3/14/2024	2:06	X		Grab	1	X	X	X												10			

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>Michelle Gault</i>	3-15-24 1030	<i>[Signature]</i>	<i>[Signature]</i>	3-15-24 1700
<i>[Signature]</i>				<i>[Signature]</i>	3/10/24 0030

Chain of Custody



Work Order No: E403173
 Project No: 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Riser Near the Cotton Draw Unit 13-18 CTB		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:		248489		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush												None: NO DI Water: H ₂ O					
Project Location:		Lea County New Mexico		Due Date:												Cool: Cool MeOH: Me					
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃ : HN					
PO #:		21308860														H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Wet Ice:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>												H ₃ PO ₄ : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:												NaHSO ₃ : NABIS					
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:												Zn Acetate+NaOH: Zn					
Total Containers:		60		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC					
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments			
S-8	2-2.5	3/14/2024	2:10	X		Grab	1	BTEX 8021B											11		
S-8	3-3.5	3/14/2024	2:14	X		Grab	1	TPH 8015M (GRO + DRO + MRO)											12		
S-8	4-4.5	3/14/2024	2:18	X		Grab	1	Chloride 4500											13		
S-9	0-6"	3/14/2024	2:22	X		Grab	1												14		
S-9	1-1.5	3/14/2024	2:26	X		Grab	1												15		
S-9	2-2.5	3/14/2024	2:30	X		Grab	1												16		
S-9	3-3.5	3/14/2024	2:34	X		Grab	1												17		
S-9	4-4.5	3/14/2024	2:38	X		Grab	1												18		
H-1	0-6"	3/14/2024	2:42	X		Grab	1												19		
H-1	0-6"	3/14/2024	2:46	X		Grab	1												20		

Additional Comments:

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<i>[Signature]</i>	<i>Michelle Cuyf</i>	3-15-24 1030	<i>Michelle Cuyf</i>	<i>[Signature]</i>	3-15-24 1700

Chain of Custody



Work Order No: E403173
 Project No: 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

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

Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB		Turn Around		ANALYSIS REQUEST										Preservative Codes									
Project Number:	248489		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																	None: NO	DI Water: H ₂ O	
Project Location	Lea County New Mexico		Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MFO)	Chloride 4500	300.0	HOLD	Cool: Cool		MeOH: Me		HCL: HC		HNO ₃ : HN		H ₂ SO ₄ : H ₂		NaOH: Na		H ₃ PO ₄ : HP	
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm								NaHSO ₄ : NABIS		Na ₂ S ₂ O ₃ : NaSO ₃		Zn Acetate+NaOH: Zn		NaOH+Ascorbic Acid: SAPC							
PO #:	21308860																							
SAMPLE RECEIPT			Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID:											
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:									Temperature Reading:		4°C											
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Corrected Temperature:																						
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A																							
Total Containers:	60																							
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont																Sample Comments	
H-3	0-6"	3/14/2024	2:50	X		Grab	1	X	X	X													21	
H-4	0-6"	3/14/2024	2:54	X		Grab	1	X	X	X													22	
H-5	0-6"	3/14/2024	2:58	X		Grab	1	X	X	X													23	
H-6	0-6"	3/14/2024	3:02	X		Grab	1	X	X	X													24	
H-7	0-6"	3/14/2024	3:06	X		Grab	1	X	X	X													25	
H-8	0-6"	3/14/2024	3:10	X		Grab	1	X	X	X													26	
H-9	0-6"	3/14/2024	3:14	X		Grab	1	X	X	X													27	
H-10	0-6"	3/14/2024	3:18	X		Grab	1	X	X	X													28	
H-11	0-6"	3/14/2024	3:22	X		Grab	1	X	X	X													29	
H-12	0-6"	3/14/2024	3:26	X		Grab	1	X	X	X													30	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>Michelle Cuyler</i>	3-15-24 1030	<i>Michelle Cuyler</i>	<i>[Signature]</i>	3-15-24 1700
<i>[Signature]</i>				<i>[Signature]</i>	3/15/24 0930

Envirotech Analytical Laboratory

Printed: 3/20/2024 11:37:14AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: NTG-New Tech Global Environmental	Date Received: 03/18/24 08:30	Work Order ID: E403173
Phone: (281) 872-9300	Date Logged In: 03/18/24 13:30	Logged In By: Angelina Pineda
Email: esessums@ntglobal.com	Due Date: 03/22/24 17:00 (4 day TAT)	

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Comments/Resolution

Project Riser Near the Cotton Draw Unit 13-18 CTB has been separated into multiple workorders due to high sample volume. WO are as follows: E403172, E403173. Sample E403173-20 was duplicated on COC by client. Physical sample jar reads H-2 0-6

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



Chain of Custody

Work Order No: E403173
Project No: 0105B-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

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

Project Name:		Riser Near the Cotton Draw Unit 13-18 CTB		Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number:		248489		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush												None: NO DI Water: H ₂ O			
Project Location:		Lea County New Mexico		Due Date:												Cool: Cool MeOH: Me			
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃ : HN			
PO #:		21308860														H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>												H ₃ PO ₄ : HP			
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:												NaHSO ₃ : NABIS			
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:												Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading: 4°C												Zn Acetate+NaOH: Zn			
Total Containers:		60		Corrected Temperature:												NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										HOLD	Sample Comments
S-6	2-2.5	3/14/2024	1:30	X		Grab	1	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500 300.0									
S-6	3-3.5	3/14/2024	1:34	X		Grab	1												2
S-6	4-4.5	3/14/2024	1:38	X		Grab	1												3
S-7	0-6"	3/14/2024	1:42	X		Grab	1												4
S-7	1-1.5	3/14/2024	1:46	X		Grab	1												5
S-7	2-2.5	3/14/2024	1:50	X		Grab	1												6
S-7	3-3.5	3/14/2024	1:54	X		Grab	1												7
S-7	4-4.5	3/14/2024	1:58	X		Grab	1												8
S-8	0-6"	3/14/2024	2:02	X		Grab	1												9
S-8	1-1.5	3/14/2024	2:06	X		Grab	1											10	

Additional Comments:

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<i>[Signature]</i>	<i>Michelle Cuyt</i>	3-15-24 1030	<i>Michelle Cuyt</i>	<i>[Signature]</i>	3-15-24 1700
<i>[Signature]</i>				<i>[Signature]</i>	3/10/24 0030

Chain of Custody



Work Order No: E403173
Project NO: 0105B-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

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

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes								
Project Number:	248489	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code													None: NO	DI Water: H ₂ O				
Project Location:	Lea County New Mexico	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Cool: Cool		MeOH: Me		HCL: HC		HNO ₃ : HN		H ₂ SO ₄ : H ₂		NaOH: Na			
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm							H ₃ PO ₄ : HP		NaHSO ₄ : NABIS		Na ₂ S ₂ O ₃ : NaSO ₃		Zn Acetate+NaOH: Zn		NaOH+Ascorbic Acid: SAPC		Sample Comments			
PO #:	21308860	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		Correction Factor:		Temperature Reading:	40C	Corrected Temperature:					
SAMPLE RECEIPT		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Total Containers:	60										
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont															
S-8	2-2.5	3/14/2024	2:10	X		Grab	1	X	X	X									11			
S-8	3-3.5	3/14/2024	2:14	X		Grab	1	X	X	X									12			
S-8	4-4.5	3/14/2024	2:18	X		Grab	1	X	X	X									13			
S-9	0-6"	3/14/2024	2:22	X		Grab	1	X	X	X									14			
S-9	1-1.5	3/14/2024	2:26	X		Grab	1	X	X	X									15			
S-9	2-2.5	3/14/2024	2:30	X		Grab	1	X	X	X									16			
S-9	3-3.5	3/14/2024	2:34	X		Grab	1	X	X	X									17			
S-9	4-4.5	3/14/2024	2:38	X		Grab	1	X	X	X									18			
H-1	0-6"	3/14/2024	2:42	X		Grab	1	X	X	X									19			
H-1 H-2	0-6"	3/14/2024	2:46	X		Grab	1	X	X	X									20			

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	3-15-24 1030	<i>[Signature]</i>	<i>[Signature]</i>	3-15-24 1700



Chain of Custody

Work Order No: E403173
 Project No: 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntgglobal.com

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

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes							
Project Number:		Due Date:		Pres. Code											None: NO						
Project Location:		TAT starts the day received by the lab, if received by 4:30pm		Parameters											DI Water: H ₂ O						
Sampler's Name:		Corrected Temperature:													Cool: Cool						
PO #:		Temperature Reading:													MeOH: Me						
SAMPLE RECEIPT		Wet Ice:													HNO ₃ : HN						
Temp Blank:		Thermometer ID:													NaOH: Na						
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	4°C	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500 300.0											H ₂ SO ₄ : H ₂						
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A													NaHSO ₄ : HP						
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A													Na ₂ S ₂ O ₃ : NaSO ₃						
Total Containers:	60	Corrected Temperature:													Zn Acetate+NaOH: Zn						
															NaOH+Ascorbic Acid: SAPC						
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
H-3	0-6"	3/14/2024	2:50	X		Grab	1	X	X	X											21
H-4	0-6"	3/14/2024	2:54	X		Grab	1	X	X	X											22
H-5	0-6"	3/14/2024	2:58	X		Grab	1	X	X	X											23
H-6	0-6"	3/14/2024	3:02	X		Grab	1	X	X	X											24
H-7	0-6"	3/14/2024	3:06	X		Grab	1	X	X	X											25
H-8	0-6"	3/14/2024	3:10	X		Grab	1	X	X	X											26
H-9	0-6"	3/14/2024	3:14	X		Grab	1	X	X	X											27
H-10	0-6"	3/14/2024	3:18	X		Grab	1	X	X	X											28
H-11	0-6"	3/14/2024	3:22	X		Grab	1	X	X	X											29
H-12	0-6"	3/14/2024	3:26	X		Grab	1	X	X	X											30

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	3-15-24 1030	<i>[Signature]</i>	<i>[Signature]</i>	3-15-24 1700
				<i>[Signature]</i>	3/10/24 0930



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 08, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/02/24 12:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

- Method EPA 552.2 Haloacetic Acids (HAA-5)
- Method EPA 524.2 Total Trihalomethanes (TTHM)
- Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 1 4' (H241695-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 1 5' (H241695-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 1 6' (H241695-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 2 4' (H241695-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	04/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 2 5' (H241695-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	04/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 2 6' (H241695-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 3 4' (H241695-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	04/04/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 3 5' (H241695-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	04/05/2024	ND	416	104	400	3.77	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 3 6' (H241695-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 68.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 3 7' (H241695-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	04/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	04/02/2024	Sampling Date:	04/02/2024
Reported:	04/08/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: TP - 3 8' (H241695-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2024	ND	2.10	105	2.00	9.62	
Toluene*	<0.050	0.050	04/04/2024	ND	2.06	103	2.00	8.90	
Ethylbenzene*	<0.050	0.050	04/04/2024	ND	2.13	107	2.00	8.00	
Total Xylenes*	<0.150	0.150	04/04/2024	ND	6.36	106	6.00	7.46	
Total BTEX	<0.300	0.300	04/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/05/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2024	ND	196	97.8	200	0.648	
DRO >C10-C28*	<10.0	10.0	04/04/2024	ND	201	101	200	3.61	
EXT DRO >C28-C36	<10.0	10.0	04/04/2024	ND					

Surrogate: 1-Chlorooctane 68.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name: NTGE		BILL TO		ANALYSIS REQUEST											
Project Manager: Ethan Sessums		P.O. #:													
Address: 209 W McKay Street		Company: Devon													
City: Carlsbad State: NM Zip: 88220		Attn:													
Phone #: Fax #:		Address:													
Project #: 248489 Project Owner:		City:													
Project Name: Devon Riser CTD 13-18 CTB		State: Zip:													
Project Location: Lea, Co New Mexico		Phone #:													
Sampler Name: Clayton Tomas		Fax #:													

Lab I.D.	Sample I.D.	Depth	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME	BTX	TPH	Chlorides
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER						
1	TP-1	4'	G	1										4/2/24					
2	TP-1	5'																	
3	TP-1	6'																	
4	TP-2	4'																	
5	TP-2	5'																	
6	TP-2	6'																	
7	TP-3	4'																	
8	TP-3	5'																	
9	TP-3	6'																	
10	TP-3	7'																	

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Relinquished By:	Date: 4/2/24	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Time: 12:22	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 0.8	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials)
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Thermometer ID #140 Correction Factor 0°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	REMARKS:

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinal-lab.com



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>NTGE</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>Ethan Sessums</u>		P.O. #:													
Address: <u>209 W McKay Street</u>		Company: <u>Devon</u>													
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88270</u>		Attn:													
Phone #: _____ Fax #: _____		Address:													
Project #: <u>248489</u> Project Owner:		City:													
Project Name: <u>Devon Riser CTD 13-18 CTB</u>		State: _____ Zip: _____													
Project Location: <u>Lea, Co New Mexico</u>		Phone #: _____													
Sampler Name: <u>Clayton Tomas</u>		Fax #: _____													

FOR LAB USE ONLY		G/RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME	ANALYSIS	
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER					
<u>H241695</u>	<u>TP-3 8'</u>	<u>6</u>	<u>1</u>						<input checked="" type="checkbox"/>				<u>4/2/24</u>		<u>BTEX</u>	<u>TPH</u>	<u>Chlorides</u>

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Relinquished By: <u>[Signature]</u>	Date: <u>4/02/24</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By: _____	Time: <u>12:22</u>	Received By: _____	All Results are emailed. Please provide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <u>2.8</u>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	REMARKS:
Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>	Corrected Temp. °C _____	CHECKED BY: (Initials) <u>[Signature]</u>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

† Cardinal cannot accept any changes. Please email changes to celey.keene@cardinallabs.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

June 13, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: RISER NEAR THE COTTON DRAW UNIT 13-18 CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/11/24 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 1 (H243352-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.03	102	2.00	2.43	
Toluene*	<0.050	0.050	06/12/2024	ND	2.03	101	2.00	4.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	5.99	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.08	101	6.00	6.26	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/12/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	194	97.0	200	1.39	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	189	94.4	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 2 (H243352-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.03	102	2.00	2.43		
Toluene*	<0.050	0.050	06/12/2024	ND	2.03	101	2.00	4.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	5.99		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.08	101	6.00	6.26		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	194	97.0	200	1.39		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	189	94.4	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 3 (H243352-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.03	102	2.00	2.43		
Toluene*	<0.050	0.050	06/12/2024	ND	2.03	101	2.00	4.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	5.99		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.08	101	6.00	6.26		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 4 (H243352-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.03	102	2.00	2.43		
Toluene*	<0.050	0.050	06/12/2024	ND	2.03	101	2.00	4.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	5.99		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.08	101	6.00	6.26		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 5 (H243352-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.03	102	2.00	2.43		
Toluene*	<0.050	0.050	06/12/2024	ND	2.03	101	2.00	4.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	5.99		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.08	101	6.00	6.26		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 6 (H243352-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.03	102	2.00	2.43		
Toluene*	<0.050	0.050	06/12/2024	ND	2.03	101	2.00	4.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	5.99		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.08	101	6.00	6.26		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 7 (H243352-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.03	102	2.00	2.43	
Toluene*	<0.050	0.050	06/12/2024	ND	2.03	101	2.00	4.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	5.99	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.08	101	6.00	6.26	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 8 (H243352-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 9 (H243352-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 10 (H243352-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 11 (H243352-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 12 (H243352-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/12/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 13 (H243352-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 14 (H243352-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 15 (H243352-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 16 (H243352-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 17 (H243352-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	198	99.2	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	194	97.2	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 18 (H243352-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 19 (H243352-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 20 (H243352-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 21 (H243352-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 22 (H243352-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 23 (H243352-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 24 (H243352-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10		
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 25 (H243352-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/12/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 26 (H243352-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/12/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: CS - 27 (H243352-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
Toluene*	<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 1 (H243352-28)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 2 (H243352-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 3 (H243352-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50	
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 4 (H243352-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50	
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 5 (H243352-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50	
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 6 (H243352-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50	
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/12/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15	
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 7 (H243352-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 8 (H243352-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 9 (H243352-36)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 10 (H243352-37)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.47		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	188	94.1	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 11 (H243352-38)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.47		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	188	94.1	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 12 (H243352-39)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.47		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	188	94.1	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 13 (H243352-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50	
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11	
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43	
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27	
Total BTEX	<0.300	0.300	06/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/12/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.47	
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	188	94.1	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 14 (H243352-41)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/12/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/11/2024	ND	182	91.1	200	1.47		
DRO >C10-C28*	<10.0	10.0	06/11/2024	ND	188	94.1	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	06/11/2024	ND						

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 15 (H243352-42)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	182	91.1	200	1.47		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	188	94.1	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 16 (H243352-43)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	182	91.1	200	1.47		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	188	94.1	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 17 (H243352-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	182	91.1	200	1.47		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	188	94.1	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 18 (H243352-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/12/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	182	91.1	200	1.47		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	188	94.1	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 19 (H243352-46)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/12/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	182	91.1	200	1.47		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	188	94.1	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received:	06/11/2024	Sampling Date:	06/11/2024
Reported:	06/13/2024	Sampling Type:	Soil
Project Name:	RISER NEAR THE COTTON DRAW UNIT :	Sampling Condition:	Cool & Intact
Project Number:	248489	Sample Received By:	Tamara Oldaker
Project Location:	DEVON- LEA CO, NM		

Sample ID: SW - 20 (H243352-47)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/12/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	06/12/2024	ND	2.09	104	2.00	2.11		
Ethylbenzene*	<0.050	0.050	06/12/2024	ND	1.99	99.3	2.00	2.43		
Total Xylenes*	<0.150	0.150	06/12/2024	ND	6.15	102	6.00	2.27		
Total BTEX	<0.300	0.300	06/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/12/2024	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/12/2024	ND	182	91.1	200	1.47		
DRO >C10-C28*	<10.0	10.0	06/12/2024	ND	188	94.1	200	2.26		
EXT DRO >C28-C36	<10.0	10.0	06/12/2024	ND						

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H243352

Page 1 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments

Program: UST/PST PRP Brownfields RC Iperfund

State of Project:

Reporting: Level II Level III ST/UST RRP Level IV

Deliverables: EDD ADAPT Other:

Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	ANALYSIS REQUEST										Preservative Codes									
Project Number:	248489	Due Date:	48HR											None: NO DI Water: H ₂ O									
Project Location	Lea County New Mexico	TAT starts the day received by the lab, if received by 4:30pm												Cool: Cool MeOH: Me									
Sampler's Name:	Kenny Han													HCL: HC HNO ₃ : HN									
PO #:	21308860													H ₂ SO ₄ : H ₂ NaOH: Na									
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters											HOLD					
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	<u>140</u>																				
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Correction Factor:																					
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>	Temperature Reading:	<u>30°C</u>																				
Total Containers:	47	Corrected Temperature:																					
								BTEX 8021B	TPH 8015M (GRO + DRO + MRO)			Chloride 4500											
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont															Sample Comments	
CS-1		6/11/2024		X		Comp	1	X	X	X													
CS-2		6/11/2024		X		Comp	1	X	X	X													
CS-3		6/11/2024		X		Comp	1	X	X	X													
CS-4		6/11/2024		X		Comp	1	X	X	X													
CS-5		6/11/2024		X		Comp	1	X	X	X													
CS-6		6/11/2024		X		Comp	1	X	X	X													
CS-7		6/11/2024		X		Comp	1	X	X	X													
CS-8		6/11/2024		X		Comp	1	X	X	X													
CS-9		6/11/2024		X		Comp	1	X	X	X													
CS-10		6/11/2024		X		Comp	1	X	X	X													

9085 6/11/2024

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	6-11-24 1200			

Revised Date: 05/12/2020 Rev. 2020.1



Chain of Custody

Work Order No: #243352

Page 2 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes					
Project Number:	248489		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																None: NO	DI Water: H ₂ O			
Project Location:	Lea County New Mexico		Due Date:	48HR	Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500													Cool: Cool	MeOH: Me				
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN				
PO #:	21308860																	H ₂ SO ₄ : H ₂	NaOH: Na				
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H ₃ PO ₄ : HP			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140														NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:															Na ₂ S ₂ O ₃ : NaSO ₃						
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	3.0c														Zn Acetate+NaOH: Zn						
Total Containers:	47		Corrected Temperature:															NaOH+Ascorbic Acid: SAPC					
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-11		6/11/2024		X		Comp	1	X	X	X													HOLD 11 12 13 14 15 16 17 18 19 20
CS-12		6/11/2024		X		Comp	1	X	X	X													
CS-13		6/11/2024		X		Comp	1	X	X	X													
CS-14		6/11/2024		X		Comp	1	X	X	X													
CS-15		6/11/2024		X		Comp	1	X	X	X													
CS-16		6/11/2024		X		Comp	1	X	X	X													
CS-17		6/11/2024		X		Comp	1	X	X	X													
CS-18		6/11/2024		X		Comp	1	X	X	X													
CS-19		6/11/2024		X		Comp	1	X	X	X													
CS-20		6/11/2024		X		Comp	1	X	X	X													

Additional Comments:

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		6-11-24 1200			



Chain of Custody

Work Order No: H243352

Page 3 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB	Turn Around	
Project Number:	248489	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code
Project Location:	Lea County New Mexico	Due Date:	48HR
Sampler's Name:	Kenny Han	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	21308860		
SAMPLE RECEIPT			
Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	3.0°C
Total Containers:	47	Corrected Temperature:	

ANALYSIS REQUEST													Preservative Codes			
Parameters BTEX 8021B TPH 8015M (GRO + DRO + MFO) Chloride 4500	HOLD	None:	NO	DI Water:	H ₂ O								Cool:	Cool	MeOH:	Me
		HCL:	HC	HNO ₃ :	HN								H ₂ SO ₄ :	H ₂	NaOH:	Na
		H ₃ PO ₄ :	HP													
		NaHSO ₄ :	NABIS													
		Na ₂ S ₂ O ₃ :	NaSO ₃													
		Zn Acetate+NaOH:	Zn													
		NaOH+Ascorbic Acid:	SAPC													
		Sample Comments														
21 22 23 24 25 26 27 28 29 30																

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont							
CS-21		6/11/2024		X		Comp	1	X	X	X				
CS-22		6/11/2024		X		Comp	1	X	X	X				
CS-23		6/11/2024		X		Comp	1	X	X	X				
CS-24		6/11/2024		X		Comp	1	X	X	X				
CS-25		6/11/2024		X		Comp	1	X	X	X				
CS-26		6/11/2024		X		Comp	1	X	X	X				
CS-27		6/11/2024		X		Comp	1	X	X	X				
SW-1		6/11/2024		X		Comp	1	X	X	X				
SW-2		6/11/2024		X		Comp	1	X	X	X				
SW-3		6/11/2024		X		Comp	1	X	X	X				

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		6-11-24 1200			



Chain of Custody

Work Order No: H243352

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 209 W McKay St
 City, State ZIP: Carlsbad, NM 88220
 Phone: 432-701-2159
 Email: esessums@ntglobal.com

Bill to: (if different) Dale Woodall
 Company Name: Devon
 Address:
 City, State ZIP:

Work Order Comments

Program: UST/PST PRP Brownfields RC Perfund
 State of Project:
 Reporting: Level II Level III ST/UST RRP Level IV
 Deliverables: EDD ADaPT Other:

Project Name: Riser Near the Cotton Draw Unit 13-18 CTB		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes							
Project Number: 248489	Project Location: Lea County New Mexico	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Due Date: 48HR														None: NO	DI Water: H ₂ O						
Sampler's Name: Kenny Han	PO #: 21308860	TAT starts the day received by the lab, if received by 4:30pm		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500													Cool: Cool	MeOH: Me						
SAMPLE RECEIPT		Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														HCL: HC	HNO ₃ : HN						
Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID: 140													H ₂ SO ₄ : H ₂	NaOH: Na									
Cooler Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:													H ₃ PO ₄ : HP										
Sample Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading: 30°C													NaHSO ₄ : NABIS										
Total Containers: 47	Corrected Temperature:													Na ₂ S ₂ O ₃ : NaSO ₃										
																Zn Acetate+NaOH: Zn								
																NaOH+Ascorbic Acid: SAPC								
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
SW-4		6/11/2024		X		Comp	1	X	X	X														
SW-5		6/11/2024		X		Comp	1	X	X	X														
SW-6		6/11/2024		X		Comp	1	X	X	X														31
SW-7		6/11/2024		X		Comp	1	X	X	X														32
SW-8		6/11/2024		X		Comp	1	X	X	X														33
SW-9		6/11/2024		X		Comp	1	X	X	X														34
SW-10		6/11/2024		X		Comp	1	X	X	X														35
SW-11		6/11/2024		X		Comp	1	X	X	X														36
SW-12		6/11/2024		X		Comp	1	X	X	X														37
SW-13		6/11/2024		X		Comp	1	X	X	X														38
																								39
																								40

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		6-11-24 1200			



Chain of Custody

Work Order No: 1243352

Page 5 of 5

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Perfund <input type="checkbox"/>
State of Project:	
Reporting:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: _____

Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes				
Project Number:	248489		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500											None: NO DI Water: H ₂ O			
Project Location:	Lea County New Mexico		Due Date:	48HR													TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool MeOH: Me	
Sampler's Name:	Kenny Han																		HCL: HC HNO ₃ : HN	
PO #:	21308860																H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140		HOLD		H ₃ PO ₄ : HP		Sample Comments						
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:	3.02		Temperature Reading:		NaHSO ₄ : NABIS												
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Corrected Temperature:			Na ₂ S ₂ O ₃ : NaSO ₃		Zn Acetate+NaOH: Zn												
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A						NaOH+Ascorbic Acid: SAPC													
Total Containers:	47																			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													
SW-14		6/11/2024		X		Comp	1	X	X	X										
SW-15		6/11/2024		X		Comp	1	X	X	X										
SW-16		6/11/2024		X		Comp	1	X	X	X										
SW-17		6/11/2024		X		Comp	1	X	X	X										
SW-18		6/11/2024		X		Comp	1	X	X	X										
SW-19		6/11/2024		X		Comp	1	X	X	X										
SW-20		6/11/2024		X		Comp	1	X	X	X										

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Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	6-11-24 1200			

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Action 357016

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 357016
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2406447416
Incident Name	NAPP2406447416 DEVON RISER NEAR THE COTTON DRAW UNIT 13-18 CTB @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123135526] COTTON DRAW UNIT 13-18 CTB

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	DEVON RISER NEAR THE COTTON DRAW UNIT 13-18 CTB
Date Release Discovered	03/04/2024
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 175 BBL Recovered: 0 BBL Lost: 175 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)	There was a leak in a produced water riser near Devon's Cotton Draw Uni 13-18 CTB. The leak is at 32.1353425, -103.7071837 in Lea County. A leak occurred on the main pipeline at the riser. A 1" plug had been removed and a 1" valve was opened. The line services the CTB. It is estimated that 175 bbls of produced water was spilled at the location. Zero product was recovered as it soaked into the ground. The leak has been stopped.

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QUESTIONS, Page 2

Action 357016

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	357016
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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.
<i>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.</i>	

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	False
All free liquids and recoverable materials have been removed and managed appropriately	False
If all the actions described above have not been undertaken, explain why	there was no recovered produced water. all of it soaked into the sandy surface soils.

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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmv.com Date: 06/24/2024
--	--

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QUESTIONS, Page 3

Action 357016

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	357016
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 26 and 50 (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	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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
<i>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.</i>	
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)	12000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
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	05/27/2024
On what date will (or did) the final sampling or liner inspection occur	06/11/2024
On what date will (or was) the remediation complete(d)	06/11/2024
What is the estimated surface area (in square feet) that will be reclaimed	4957
What is the estimated volume (in cubic yards) that will be reclaimed	1243
What is the estimated surface area (in square feet) that will be remediated	4957
What is the estimated volume (in cubic yards) that will be remediated	1243

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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QUESTIONS, Page 4

Action 357016

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 357016
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(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	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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 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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 06/24/2024
--	--

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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QUESTIONS, Page 5

Action 357016

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 357016
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only

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.

Requesting a deferral of the remediation closure due date with the approval of this submission	No
--	----

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QUESTIONS, Page 6

Action 357016

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 357016
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	352009
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/11/2024
What was the (estimated) number of samples that were to be gathered	55
What was the sampling surface area in square feet	4957

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	4957
What was the total volume (cubic yards) remediated	1243
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	4957
What was the total volume (in cubic yards) reclaimed	1243
Summarize any additional remediation activities not included by answers (above)	see report

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/24/2024
--	--

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QUESTIONS, Page 7

Action 357016

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 357016
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS
 Action 357016

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 357016
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	8/16/2024