DEVON RISER NEAR THE CDU 13-18 CTB

nAPP2406447416

3/4/2024

		Bbls) Calculator	
In	puts in <mark>blu</mark> e	, Outputs in <mark>red</mark>	
Con	taminated S	Soil measurement	
Area (squar	e feet)	Depth(inches)	
<u>4898</u>		<u>12.000</u>	
Cubic Feet Impact		4898.000	
Barrels of Soil	Impacted	<u>873.08</u>	
Soil Typ	pe	Sand	
Barrels of Oil A	_	<u>174.62</u>	
Saturation	Fluid pre	sent with shovel/backhoe	
Estimated Barr Release		174.62	
	Free Standi	ing Fluid Only	
Area (squar	e feet)	Depth(inches)	
-		-	
Standing	fluid	0.000	
Total fluids	<u>spilled</u>	<u>174.617</u>	



209 W. McKay Street Carlsbad, New Mexico 88220 Tel. 432-701-2159 www.ntgenvironmental.com

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	BTEX	Benzene
		(GRO+DRO+MRO)			
19.15.29.13 Restoration,					
Reclamation and Re-	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Vegetation (Impacted Area					
0-4 Feet)					
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

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Ethan Sessums Project Manager

Attachments:

Site Characterization

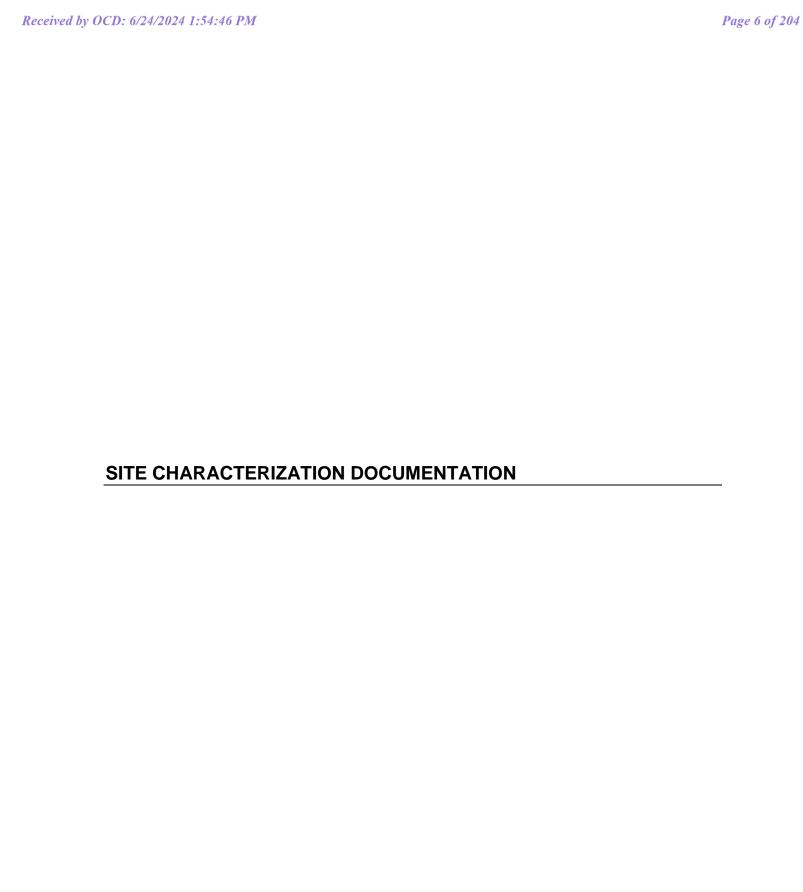
Tables Figures

Photographic Log

Laboratory Reports and Chain-of-Custody Documents

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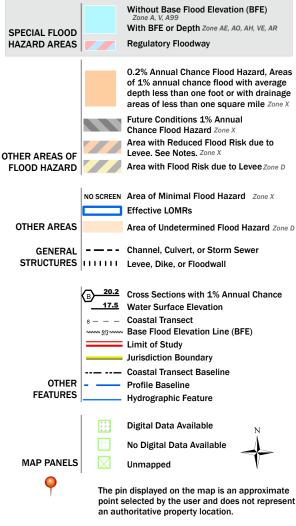
OReleas 250 Im 5 9 Ang: 8/16/2024 9.98:32 PM

National Flood Hazard Layer FIRMette



Legend

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



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

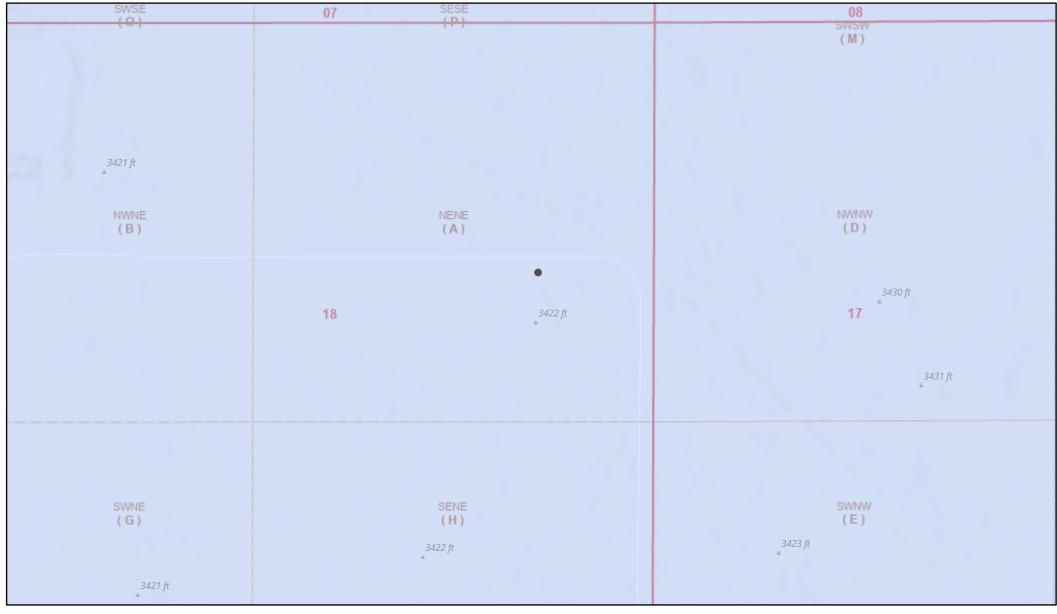
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/12/2024 at 11:59 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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.



2,000

Site Characterization Map



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

Karst Occurrence Potential PLSS

PLSS First Division

1:4,514 0 0.03 0.07 0.13 mi 0 0.05 0.1 0.2 km

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,

Low

OSE POD Location Map



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

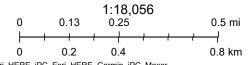
Override 1

OSE District Boundary GIS WATERS PODs Water Right Regulations

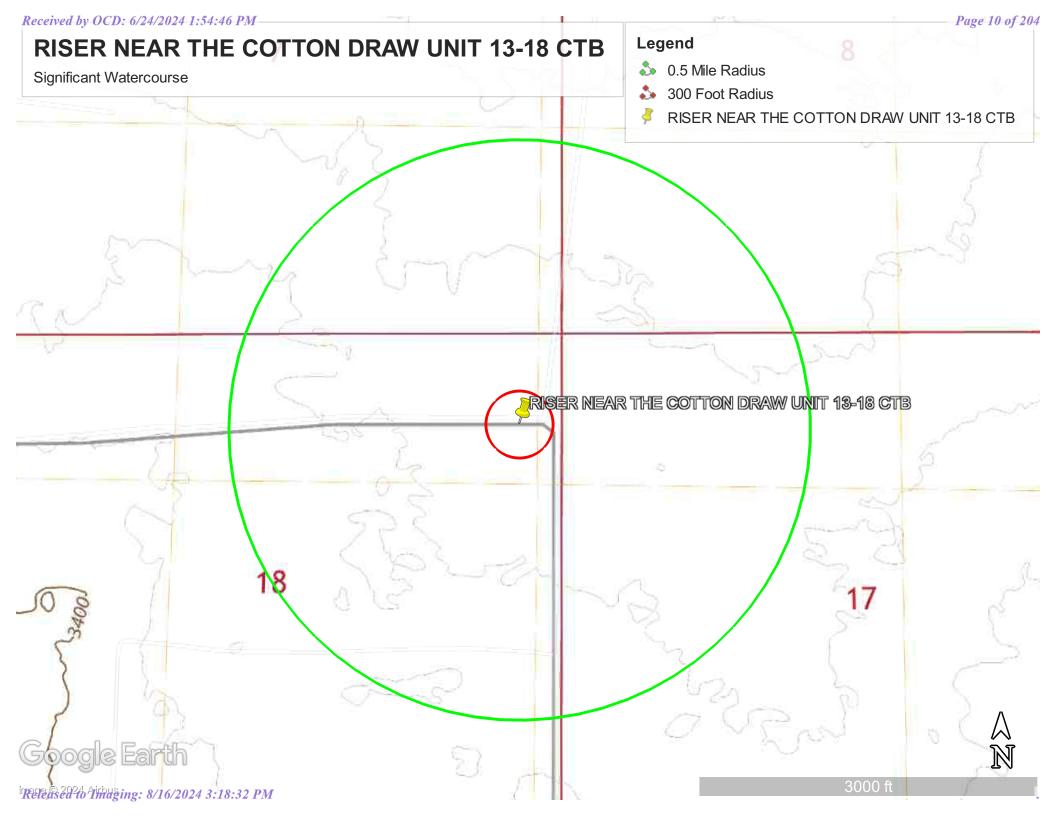
Artesian Planning Area New Mexico State Trust Lands

Closure Area Pending Released to Imaging: 8/16/2024 3:18:32 PM





Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



Wetlands Map



March 12, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

Other

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.



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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 (fit b) 3/14/2024 0- 3/14/2024 1-1 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 5-5 3/14/2024 1-1 S-2 3/14/2024 2-2 3/14/2024 3-3	Benzene mg/kg 10 mg/kg	Toluene (mg/kg)		(mg/kg) I Closure Cri ical Delineat <0.0250 <0.0250 <0.0250	50 mg/kg ion Samples <0.0250		DRO (C10-C28) (mg/kg) epth to Gro	GRO + DRO (C6-C28) (mg/kg) undwater 19.15 mg/kg	MRO (C28-C35) (mg/kg) 5.29 NMAC	Total GRO/DRO/MRO (C6-C35) (mg/kg)	Chloride (mg/kg)
S-1 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 5-5 3/14/2024	10 mg/kg 10 mg/kg 10 mg/kg 1.5' <0.0250 1.5' <0.0250 4.5' <0.0250 5.5' <0.0250 6" <0.0250 1.5' <0.0250 2.5' <0.0250	 <0.0250 <0.0250 <0.0250 <0.0250 <0.0250 <0.0250 <0.0250 	Table Verti <0.0250 <0.0250 <0.0250 <0.0250 <0.0250	I Closure Cri ical Delineat <0.0250 <0.0250	teria for Soil 5 50 mg/kg ion Samples <0.0250	1-100 feet D		undwater 19.15	5.29 NMAC		
S-1 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 5-5 3/14/2024 3-3 3/14/2024 3-3 3/14/2024	-6" <0.0250 1.5' <0.0250 2.5' <0.0250 3.5' <0.0250 4.5' <0.0250 4.5' <0.0250 5.5' <0.0250 -6" <0.0250 1.5' <0.0250 2.5' <0.0250	<0.0250 <0.0250 <0.0250 <0.0250 <0.0250 <0.0250	<pre> Verti <0.0250 <0.0250 <0.0250 <0.0250 <0.0250</pre>	 ical Delineat <0.0250 <0.0250	50 mg/kg ion Samples <0.0250					100 mg/kg	600 mg/kg
S-1 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 5-5 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024	-6" <0.0250 1.5' <0.0250 2.5' <0.0250 3.5' <0.0250 4.5' <0.0250 4.5' <0.0250 5.5' <0.0250 -6" <0.0250 1.5' <0.0250 2.5' <0.0250	<0.0250 <0.0250 <0.0250 <0.0250 <0.0250 <0.0250	<pre></pre>	<0.0250 <0.0250	ion Samples <0.0250			mg/kg		100 mg/kg	600 mg/kg
S-1 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 5-5 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024	1.5' <0.0250 2.5' <0.0250 3.5' <0.0250 4.5' <0.0250 5.5' <0.0250 -6" <0.0250 1.5' <0.0250 2.5' <0.0250	<0.0250 <0.0250 <0.0250 <0.0250 <0.0250	<0.0250 <0.0250 <0.0250 <0.0250	<0.0250 <0.0250	<0.0250						
S-1 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 3/14/2024 5-5 3/14/2024	1.5' <0.0250 2.5' <0.0250 3.5' <0.0250 4.5' <0.0250 5.5' <0.0250 -6" <0.0250 1.5' <0.0250 2.5' <0.0250	<0.0250 <0.0250 <0.0250 <0.0250 <0.0250	<0.0250 <0.0250 <0.0250	<0.0250			05.0	25.0		500	
S-1 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 3/14/2024 3/14/2024 3-5-5 3/14/2024 3-7 3/1	2.5' <0.0250	<0.0250 <0.0250 <0.0250 <0.0250	<0.0250 <0.0250			<20.0	<25.0	<25.0	<50.0	<50.0	8,550
S-1 3/14/2024 3-3 3/14/2024 3/14/2024 3/14/2024 3-3 3/14/	3.5' <0.0250 4.5' <0.0250 5.5' <0.0250 6" <0.0250 1.5' <0.0250 2.5' <0.0250	<0.0250 <0.0250 <0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	282
3/14/2024 4-4 3/14/2024 5-5 3/14/2024 0- 3/14/2024 1-1 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 4-4 3/14/2024 1-1 5-3 3/14/2024 3-3	4.5' <0.0250	<0.0250 <0.0250		0.0050	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	839
3/14/2024 5-5 3/14/2024 0- 3/14/2024 1-1 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 4-4 3/14/2024 1-1 3/14/2024 1-1 3/14/2024 3-3	5.5' <0.0250 -6" <0.0250 1.5' <0.0250 2.5' <0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	434
S-2 3/14/2024 0- 3/14/2024 1-1 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 4-4 3/14/2024 1-1 3/14/2024 1-1 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-1 3/14/2024 3-1 3/14/2024 3-1 3/14/2024 3-1 3/14/2024 3-1 3/14/2024 3-1 3/14/2024 3-1 3/14/2024 3-1 3/14/2024 1-1	-6" <0.0250 1.5' <0.0250 2.5' <0.0250			<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2,080
S-2 3/14/2024 1-3 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 4-4 3/14/2024 1-3 3/14/2024 1-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 1-3 3/14/2024 1-3 3/14/2024 1-3 3/14/2024 1-3	1.5' <0.0250 2.5' <0.0250		<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	174
S-2 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 4-4 3/14/2024 0-3/14/2024 1-1 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 4-4 3/14/2024 5-5 3/14/2024 0-3/14/2024 1-1 3/14/2024 1-1 3/14/2024 1-1	2.5' <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 3-3 3/14/2024 4-4 3/14/2024 0- 3/14/2024 1-1 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 3-3 3/14/2024 4-4 3/14/2024 5-5 3/14/2024 1-1 3/14/2024 1-1		<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	7,850
3/14/2024 4-4 3/14/2024 0- 3/14/2024 1-1 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 4-4 3/14/2024 5-5 3/14/2024 1-1 3/14/2024 1-1	≺ 5' ∕ ∩ ∩⊃⊑∩	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,150
3/14/2024 0- 3/14/2024 1-1 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 4-4 3/14/2024 5-5 3/14/2024 0- 3/14/2024 1-1 3/14/2024 1-1		<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		<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1,190
S-3 3/14/2024 2-2 3/14/2024 3-3 3/14/2024 4-4 3/14/2024 5-5 3/14/2024 0- 3/14/2024 1-1 3/14/2024 2-2 3/14/2024 1-1		<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	8,160
3/14/2024 3-3 3/14/2024 4-4 3/14/2024 5-5 3/14/2024 0- 3/14/2024 1-1 3/14/2024 1-2		<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,250
3/14/2024 3-3 3/14/2024 4-4 3/14/2024 5-5 3/14/2024 0- 3/14/2024 1-1 3/14/2024 2-2		<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,460
3/14/2024 5-5 3/14/2024 0- 3/14/2024 1-1 3/14/2024 2-2		<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	3,390
3/14/2024 0- 3/14/2024 1-1 3/14/2024 2-2	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 1-1	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 2-3	-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 2-2	1.5' <0.0250	< 0.0250	< 0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	5,670
	2.5' <0.0250	< 0.0250	< 0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,940
3/14/2024 3-3	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	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	5.5' <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	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-5 3/14/2024 2-2	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	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	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	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-6 3/14/2024 2-2	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	3.5' <0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	261
	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-		<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	8,190
-7, 7	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-7 3/14/2024 2-2		<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	4,890
-/-/	3.5' <0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	3,070
_ · · ·	4.5' <0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	97
	-6" <0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	8,320
	1.5' <0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6,660
S-8 3/14/2024 2-2		<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	4,870
	2.5' <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 3-3	2.5' <0.0250 3.5' <0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1,470

NTGE Project Number: 248489

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

										TPH			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(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 Cri	teria for Soil 5	1-100 feet D	epth to Gro	undwater 19.15	.29 NMAC		
			10 mg/kg				50 mg/kg			mg/kg		100 mg/kg	600 mg/kg
	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
S-9	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
	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
TP-1	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
	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
TP-2	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
	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
TP-3	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
					Horizo	ontal Delinea	tion 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

SP-1 Sample Point Excavated

- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

NTGE Project Number: 248489

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

										ТРН			
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	втех	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
						Table I C		for Soil ≤ 50 feet	Depth to Ground	water 19.15.29 NMA	C		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
	1		_	T			nfirmation Sam	1					
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	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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	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	<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	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	<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	<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	<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	<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	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	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	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	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	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	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	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	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	16.0
	1		•	l .			Confirmation Sa					T	
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	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	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	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	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	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	<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	<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	16.0

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

										TPH			
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
			(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													
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

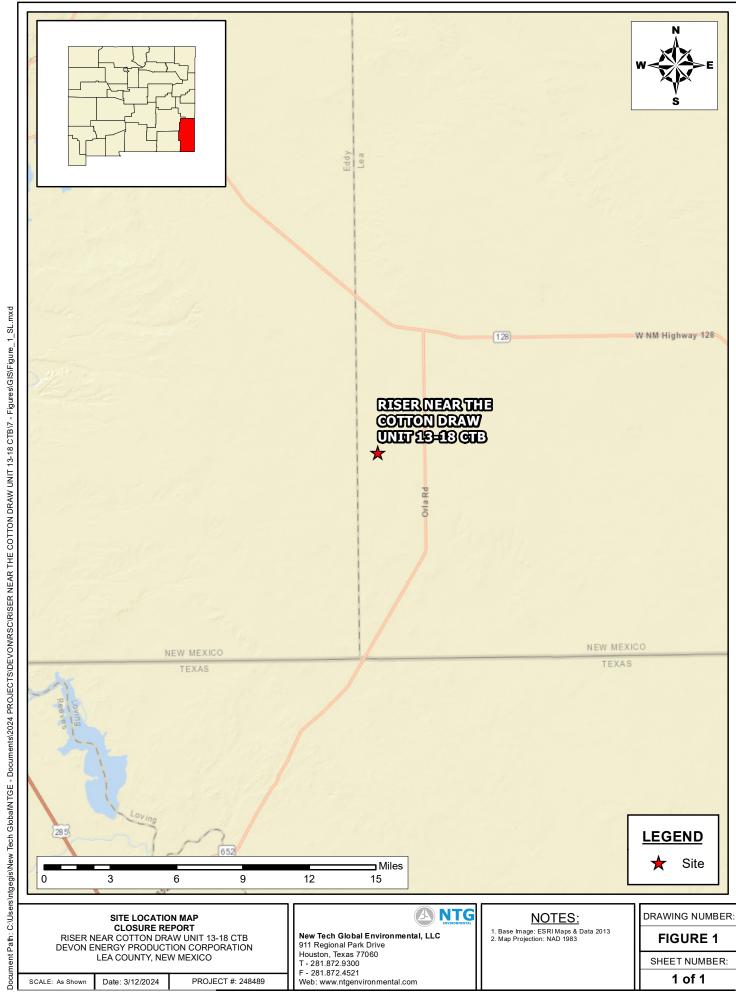
Notes:

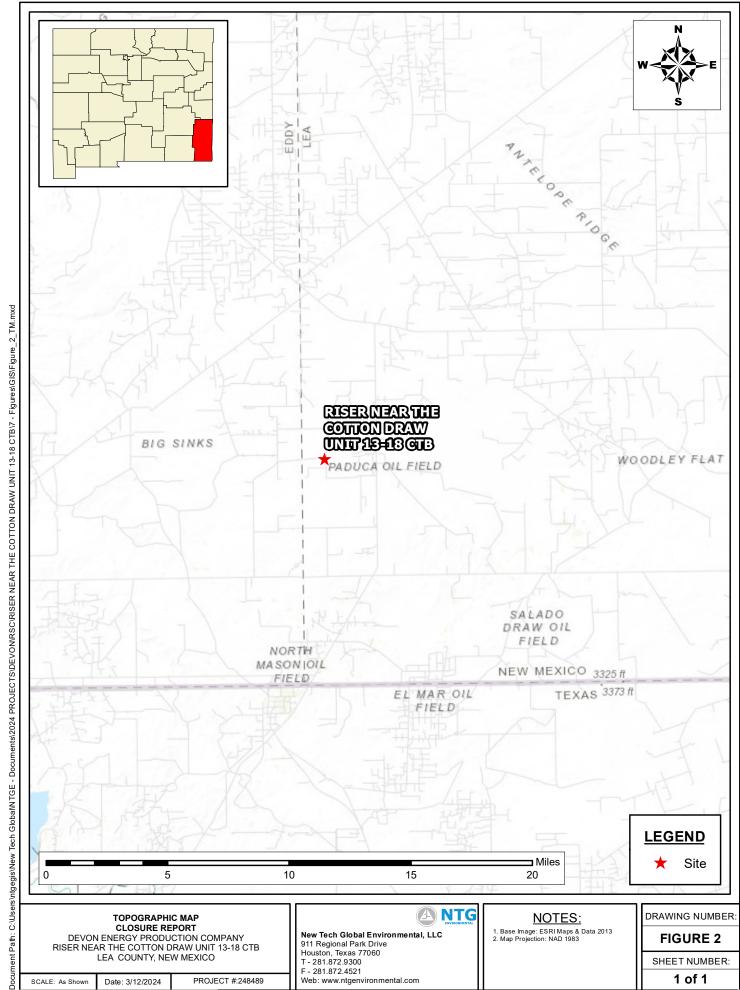
- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B

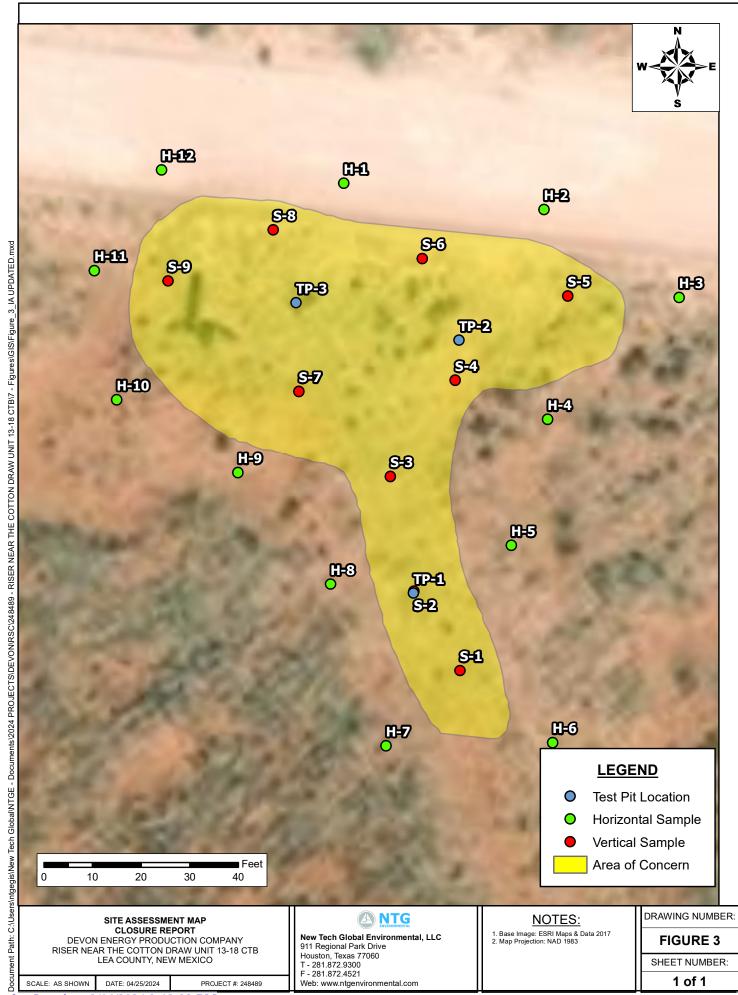
SP-1 Sample Point Excavated

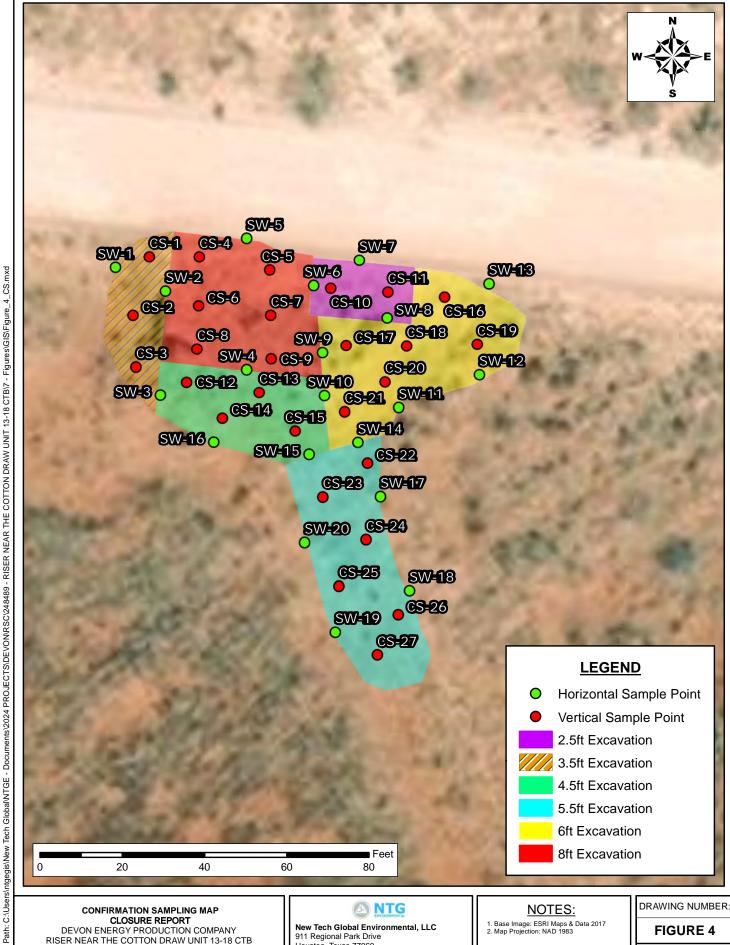
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table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

FIGURES









911 Regional Park Drive Houston, Texas 77060

Web: www.ntgenvironmental.com

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SCALE: AS SHOWN

FIGURE 4

SHEET NUMBER:

1 of 1

RISER NEAR THE COTTON DRAW UNIT 13-18 CTB LEA COUNTY, NEW MEXICO

PROJECT #: 248489



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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



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



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



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



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



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LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS	

Report to:
Ethan Sessums







5796 U.S. Hwy 64 Farmington, NM 87401

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





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

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 reguarding 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

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Sample Summary

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

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

S -1 0-6" E403172-01

		E403172-01				
		Reporting				
Analyte	Result	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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		70.4 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	Analyst: DT		Batch: 2412044
Chloride	8550	200	10	03/19/24	03/20/24	

Sample Data

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

S -1 1-1.5'

		E403172-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		70.4 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2412044
Chloride	282	20.0	1	03/19/24	03/20/24	



Sample Data

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

S -1 2- 2.5'

		E403172-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		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	
Surrogate: n-Nonane		62.9 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2412044
Chloride	839	20.0	1	03/19/24	03/20/24	



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

S -1 3-3.5' E403172-04

		E403172-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
o,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		71.1 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2412044
Chloride	434	20.0	1	03/19/24	03/20/24	



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

S -1 4- 4.5'

		E403172-05				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.3 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: 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	
Surrogate: n-Nonane		72.7 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2412044
Chloride	2080	20.0	1	03/19/24	03/20/24	



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

S -1 5- 5.5' E403172-06

		E4031/2-06				
Apolyto	Result	Reporting Limit	Dilution	Dranarad	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	Prepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		68.6 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2412044
Chloride	174	20.0	1	03/19/24	03/20/24	·



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

S -2 0-6" E403172-07

		E4031/2-0/				
Agairta	Result	Reporting Limit	Dilution	Duomono ¹	A malarga J	Notes
Analyte	Kesult	Limit	Dilution	Prepared	Analyzed	inotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		71.1 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2412044
Chloride	7050	100	5	03/19/24	03/20/24	

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

S -2 1-1.5' E403172-08

		E403172-08				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		76.7 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2412044
Chloride	7850	100	5	03/19/24	03/20/24	



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

S -2 2-2.5' E403172-09

		E4031/2-09				
Agairta	Result	Reporting Limit	Dilution	Dromonod	Amalyzand	Notes
Analyte	Kesult	Limit	Dilution	Prepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		91.3 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		72.3 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2412044
Chloride	6150	100	5	03/19/24	03/20/24	·

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

S-2 3-3.5' E403172-10

	E4031/2-10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: EG		Batch: 2412032
ND	0.0250	1	03/19/24	03/21/24	
ND	0.0250	1	03/19/24	03/21/24	
ND	0.0250	1	03/19/24	03/21/24	
ND	0.0250	1	03/19/24	03/21/24	
ND	0.0500	1	03/19/24	03/21/24	
ND	0.0250	1	03/19/24	03/21/24	
	91.3 %	70-130	03/19/24	03/21/24	
mg/kg	mg/kg	Ana	lyst: EG		Batch: 2412032
ND	20.0	1	03/19/24	03/21/24	
	92.3 %	70-130	03/19/24	03/21/24	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2412028
ND	25.0	1	03/19/24	03/20/24	
ND	50.0	1	03/19/24	03/20/24	
	70.5 %	50-200	03/19/24	03/20/24	
mg/kg	mg/kg	Ana	lyst: DT		Batch: 2412044
1040	20.0	1	03/19/24	03/20/24	
	mg/kg ND Mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 20.0250 91.3 % mg/kg MB/kg mg/kg MD 20.0 92.3 % mg/kg MD 25.0 ND 50.0 70.5 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 91.3 % 70-130 mg/kg mg/kg Ana ND 20.0 1 92.3 % 70-130 1 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 70.5 % 50-200 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: EG ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0500 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 mg/kg mg/kg Analyst: EG ND 20.0 1 03/19/24 mg/kg mg/kg Analyst: KM ND 25.0 1 03/19/24 ND 50.0 1 03/19/24 ND 50.0 1 03/19/24 ND 50.0 1 03/19/24 ND 50.0 0 03/19/24 ND 50.0 0 03/19/24 ND 50.0 0 03/19/24 ND 50.0 0 03/19/2	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: EG ND 0.0250 1 03/19/24 03/21/24 ND 0.0250 1 03/19/24 03/21/24 ND 0.0250 1 03/19/24 03/21/24 ND 0.0500 1 03/19/24 03/21/24 ND 0.0250 1 03/19/24 03/21/24 ND 0.0250 1 03/19/24 03/21/24 mg/kg mg/kg Analyst: EG ND 20.0 1 03/19/24 03/21/24 mg/kg mg/kg Analyst: EG ND 20.0 1 03/19/24 03/21/24 mg/kg mg/kg Analyst: KM ND 25.0 1 03/19/24 03/20/24 ND 50.0 1 03/19/24 03/20/24 ND 50.0 1 03/19/24 03/20/24



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

S-2 4-4.5' E403172-11

		E403172-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: 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	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: 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	
Surrogate: n-Nonane		74.6 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2412056
Chloride	1190	20.0	1	03/20/24	03/20/24	



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

S-3 0-6"

		E403172-12				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: 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	
p-Xylene	ND	0.0250	1	03/19/24	03/21/24	
o,m-Xylene	ND	0.0500	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	03/19/24	03/21/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		69.9 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2412056
Chloride	8160	100	5	03/20/24	03/20/24	

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

S-3 1-1.5' E403172-13

		E4031/2-13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				1	,	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		70.5 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2412056
Chloride	6250	100	5	03/20/24	03/20/24	



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

S-3 2-2.5' E403172-14

		E4031/2-14				
	D. I	Reporting	D.1 (D 1		N. A
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: 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	
Surrogate: n-Nonane		68.9 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2412056
Chloride	6460	100	5	03/20/24	03/20/24	

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

S-3 3-3.5' E403172-15

		E403172-15				
Austra	Dk	Reporting		D	A Install	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		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	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		69.0 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2412056
Chloride	3390	40.0	2	03/20/24	03/20/24	



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

S-3 4-4.5' E403172-16

		E403172-16				
	D 1:	Reporting	D 3.3	D 1		N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		72.9 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2412056
Chloride	2420	20.0	1	03/20/24	03/20/24	



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

S-3 5-5.5' E403172-17

		E4031/2-1/				
Austra	Dk	Reporting		D 1	A Install	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: 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	
Surrogate: n-Nonane		73.7 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2412056
Chloride	27.1	20.0	1	03/20/24	03/20/24	



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

S-4 0-6"

E403172-18						
Reporting						
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: 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	
Surrogate: n-Nonane		71.2 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: IY		Batch: 2412056
Chloride	6290	100	5	03/20/24	03/20/24	



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

S-4 1-1.5' E403172-19

		E4031/2-19				
	D. I	Reporting	D31 /	D 1		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: 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	
Surrogate: n-Nonane		73.3 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2412056
Chloride	5670	100	5	03/20/24	03/20/24	



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

S-4 2-2.5' E403172-20

		E403172-20				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Thaiye	Result	Limit	Dilution	Терагес	Maryzea	110103
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: EG		Batch: 2412032
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/21/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	03/19/24	03/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: 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	
Surrogate: n-Nonane		73.8 %	50-200	03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2412056
Chloride	6940	100	5	03/20/24	03/20/24	



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

S-4 3-3.5' E403172-21

		E405172-21				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilutio	ni Frepared	Alialyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	An	alyst: 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	
Surrogate: Bromofluorobenzene		104 %	70-130	03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	03/19/24	03/20/24	
Surrogate: Toluene-d8		98.7 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		104 %	70-130	03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	03/19/24	03/20/24	
Surrogate: Toluene-d8		98.7 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: 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	
Surrogate: n-Nonane		86.1 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2412056
Chloride	9770	200	10	03/20/24	03/20/24	

1	NTG-New Tech Global Environmental	Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB	
9	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
I	Houston TX, 77060	Project Manager:	Ethan Sessums	3/22/2024 3:48:43PM

S-4 4-4.5' E403172-22

		E4031/2-22					
Anglista	Result	Reporting Limit	Dilu	ıti om	Prepared	Analyzad	Notes
Analyte	Result	Limit	Dilu	ltion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2412033
Benzene	ND	0.0250	1	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/19/24	03/19/24	
Surrogate: n-Nonane		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	1	03/20/24	03/20/24	



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

S-4 5-5.5' E403172-23

	E403172-23				
	Reporting				
Result	Limit	Dilut	ion Prepared	Analyzed	Notes
mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2412033
ND	0.0250	1	03/19/24	03/20/24	
ND	0.0250	1	03/19/24	03/20/24	
ND	0.0250	1	03/19/24	03/20/24	
ND	0.0250	1	03/19/24	03/20/24	
ND	0.0500	1	03/19/24	03/20/24	
ND	0.0250	1	03/19/24	03/20/24	
	101 %	70-130	03/19/24	03/20/24	
	99.3 %	70-130	03/19/24	03/20/24	
	98.5 %	70-130	03/19/24	03/20/24	
mg/kg	mg/kg		Analyst: RKS		Batch: 2412033
ND	20.0	1	03/19/24	03/20/24	
	101 %	70-130	03/19/24	03/20/24	
	99.3 %	70-130	03/19/24	03/20/24	
	98.5 %	70-130	03/19/24	03/20/24	
mg/kg	mg/kg	Α	Analyst: KM		Batch: 2412030
ND	25.0	1	03/19/24	03/19/24	
ND	50.0	1	03/19/24	03/19/24	
	86.7 %	50-200	03/19/24	03/19/24	
			Analyst IV		Batch: 2412056
mg/kg	mg/kg	r	anaryst. 11		Daten. 2412030
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IOI % 99.3 % 98.5 % mg/kg MD 20.0 101 % 99.3 % 99.3 % 98.5 % mg/kg mg/kg ND 25.0 ND 50.0 86.7 %	Reporting Result Limit Dilut mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 101% 70-130 99.3% 99.3% 70-130 70-130 mg/kg mg/kg A ND 20.0 1 101% 70-130 70-130 99.3% 70-130 70-130 mg/kg mg/kg A ND 25.0 1 ND 50.0 1 86.7% 50-200	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0500 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 99.3 % 70-130 03/19/24 99.3 % 70-130 03/19/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 03/19/24 99.3 % 70-130 03/19/24 99.3 % 70-130 03/19/24 98.5 % 70-130 03/19/24 98.5 % 70-130 03/19/24 98.5 % 70-130 03/19/24 98.5 % 70-130 03/19/24 ND 25.0 1 03/19/24	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0500 1 03/19/24 03/20/24 ND 0.0500 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 99.3 % 70-130 03/19/24 03/20/24 98.5 % 70-130 03/19/24 03/20/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 03/19/24 03/20/24 99.3 % 70-130 03/19/24 03/20/24 98.5 % 70-130 03/19/24 03/20/24 98.5 % 70-130 03/19/24 03/20/

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

S-5 0-6" E403172-24

		E403172-24					
Austra	D14	Reporting Limit		ution	D 1	A a lasses al	Nata
Analyte	Result	Limit	Dilt	uuon	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	
Surrogate: Bromofluorobenzene		100 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		100 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	



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

S-5 1-1.5' E403172-25

		E403172-25					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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	
Surrogate: Bromofluorobenzene		105 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		105 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	



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

S-5 2-2.5' E403172-26

		E403172-26				
		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	
Surrogate: Bromofluorobenzene		103 %	70-130	03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	03/19/24	03/20/24	
Surrogate: Toluene-d8		99.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		103 %	70-130	03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	03/19/24	03/20/24	
Surrogate: Toluene-d8		99.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	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	
Surrogate: n-Nonane		91.3 %	50-200	03/19/24	03/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2412056
Chloride	1300	·				

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

S-5 3-3.5' E403172-27

		E403172-27					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2412033
Benzene	ND	0.0250	1	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		106 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		106 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/19/24	03/19/24	
Surrogate: n-Nonane		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	1	03/20/24	03/20/24	

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

S-5 4-4.5' E403172-28

		E403172-20					
Analyte	Result	Reporting Limit	Dilu	ıti om	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilu	шоп	Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2412033
Benzene	ND	0.0250	1	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		105 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		105 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/19/24	03/19/24	
Surrogate: n-Nonane		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	1	03/20/24	03/20/24	_



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

S-6 0-6" E403172-29

	E403172-23					
Dl4			- 4 :	D 1	A malama d	Notes
Kesuit	Limit	Dilu	ıııon	Prepared	Anaiyzed	Notes
mg/kg	mg/kg		Analyst:	: RKS		Batch: 2412033
ND	0.0250	1	1	03/19/24	03/20/24	
ND	0.0250	1	1	03/19/24	03/20/24	
ND	0.0250	1	1	03/19/24	03/20/24	
ND	0.0250	1	1	03/19/24	03/20/24	
ND	0.0500	1	1	03/19/24	03/20/24	
ND	0.0250	1	1	03/19/24	03/20/24	
	104 %	70-130		03/19/24	03/20/24	
	97.9 %	70-130		03/19/24	03/20/24	
	97.9 %	70-130		03/19/24	03/20/24	
mg/kg	mg/kg	Analyst: RKS			Batch: 2412033	
ND	20.0	1	1	03/19/24	03/20/24	
	104 %	70-130		03/19/24	03/20/24	
	97.9 %	70-130		03/19/24	03/20/24	
	97.9 %	70-130		03/19/24	03/20/24	
mg/kg	mg/kg		Analyst:	: KM		Batch: 2412030
ND	25.0	1	1	03/19/24	03/20/24	_
ND	50.0	1	1	03/19/24	03/20/24	
	85.5 %	50-200		03/19/24	03/20/24	
mg/kg	mg/kg		Analyst:	: IY		Batch: 2412056
1860	20.0		1	03/20/24	03/20/24	
1860	20.0]	1	03/20/24	03/20/24	
	ND Mg/kg ND Mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 I04 % 97.9 % 97.9 % 97.9 % MD 20.0 I04 % 97.9 % 97.9 % 97.9 % mg/kg mg/kg ND 25.0 ND 50.0 85.5 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilu mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 I04 % 70-130 97.9 % 70-130 97.9 % 70-130 97.9 % 70-130 97.9 % 70-130 97.9 % 70-130 97.9 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 85.5 % 50-200 mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 70-130 97.9 % 97.9 % 70-130 70-130 mg/kg mg/kg Analyst ND 20.0 1 104 % 70-130 70-130 97.9 % 70-130 70-130 mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1 85.5 % 50-200 mg/kg Mg/kg Analyst	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0500 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 97.9 % 70-130 03/19/24 97.9 % 70-130 03/19/24 97.9 % 70-130 03/19/24 97.9 % 70-130 03/19/24 97.9 % 70-130 03/19/24 97.9 % 70-130 03/19/24 97.9 % 70-130 03/19/24 97.9 % 70-130 03/19/24 97.9 % 70-130 03/19/24 97.9 % 70-130 03/19/24 97.9 % 70-130 03/19/24 ND 25.0 1 03/19/24 </td <td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0500 1 03/19/24 03/20/24 ND 0.0500 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 97.9 % 70-130 03/19/24 03/20/24 97.9 % 70-130 03/19/24 03/20/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 03/19/24 03/20/24 97.9 % 70-130 03/19/24 03/20/24 97.9 % 70-130 03/19/24 03/20/24 mg/kg mg/kg Analyst: KM</td>	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0500 1 03/19/24 03/20/24 ND 0.0500 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 97.9 % 70-130 03/19/24 03/20/24 97.9 % 70-130 03/19/24 03/20/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 03/19/24 03/20/24 97.9 % 70-130 03/19/24 03/20/24 97.9 % 70-130 03/19/24 03/20/24 mg/kg mg/kg Analyst: KM



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

S-6 1-1.5' E403172-30

		E4031/2-30					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2412033
Benzene	ND	0.0250	1	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/19/24	03/20/24	
Surrogate: n-Nonane		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	1	03/20/24	03/20/24	



Riser Near the Cotton Draw Unit 13-18 CTB NTG-New Tech Global Environmental Project Name: Reported: Project Number: 911 Regional Park Dr. 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 3/22/2024 3:48:43PM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % Notes Blank (2412033-BLK1) Prepared: 03/19/24 Analyzed: 03/20/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.513 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.487 0.500 97.3 70-130 0.500 98.5 70-130 Surrogate: Toluene-d8 0.493 LCS (2412033-BS1) Prepared: 03/19/24 Analyzed: 03/20/24 2.43 0.0250 2.50 97.1 70-130 Benzene 2.48 2.50 70-130 99.4 Ethylbenzene 0.0250 2.35 0.0250 2.50 94.0 70-130 70-130 2.52 0.0250 2.50 101 o-Xylene 5.03 5.00 101 70-130 p,m-Xylene 0.0500 7.55 0.0250 7.50 101 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.531 0.500 106 70-130 0.500 96.3 70-130 Surrogate: 1,2-Dichloroethane-d4 0.482 70-130 Surrogate: Toluene-d8 0.505 0.500 Matrix Spike (2412033-MS1) Source: E403172-25 Prepared: 03/19/24 Analyzed: 03/20/24 2.46 0.0250 2.50 ND 98.4 48-131 45-135 Ethylbenzene 2.47 0.0250 2.50 ND 98.8 93.2 48-130 Toluene 2.33 0.0250 2.50 ND 2.47 0.0250 2.50 ND 98.8 43-135 o-Xylene 4.90 ND 97.9 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.37 0.0250 7.50 ND 98.2 43-135 0.522 0.500 104 70-130 Surrogate: Bromofluorobenzene 0.500 98.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.491 0.500 70-130 0.496 99.2 Surrogate: Toluene-d8 Matrix Spike Dup (2412033-MSD1) Source: E403172-25 Prepared: 03/19/24 Analyzed: 03/20/24



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.42

2.35

2.54

5.04

7.58

0.517

0.483

0.502

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

ND

ND

ND

ND

ND

ND

96.9

99.7

94.1

102

101

101

103

96.6

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

1.54

0.947

0.961

2.77

3.01

2.93

23

27

24

27

27

27

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NTG-New Tech Global Environmental		Project Name:		Riser Near the (Cotton Dra	w Unit 13	-18 CTB		Reported:		
911 Regional Park Dr.		Project Number:		01058-0007							
Houston TX, 77060		Project Manager:	I	Ethan Sessums					3/22/2024 3:48:43PM		
		Volatile O	rganics	by EPA 802	21B			Analyst: EG			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2412032-BLK1)							Prepared: 0	3/19/24 A	analyzed: 03/20/24		
Benzene	ND	0.0250					1				
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
p-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: 0	3/19/24 A	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					
o,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: 0	3/19/24 A	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					
p-Xylene	5.15	0.0250	5.00	ND	103	63-131					
o,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: 0	3/19/24 A	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			
o-Xylene o,m-Xylene	5.05 10.3 15.3	0.0250 0.0500 0.0250	5.00 10.0 15.0	ND ND ND	101 103 102	63-131 63-131	1.86 1.97 1.93	20 20 20			



70-130

Surrogate: 4-Bromochlorobenzene-PID

7.52

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

Houston TX, 77060		Project Manage	r: Etl	nan Sessums				3/2	2/2024 3:48:43PN
	Non	halogenated		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
Blank (2412032-BLK1)							Prepared: 0	3/19/24 Anal	yzed: 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: 0	3/19/24 Anal	yzed: 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: 02	3/19/24 Anal	yzed: 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: 0	3/19/24 Anal	yzed: 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			



Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

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

911 Regional Park Dr. Houston TX, 77060		Project Number Project Manage		058-0007 han Sessums					3/22/2024 3:48:43PM	
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2412033-BLK1)							Prepared: 0	3/19/24	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: 0	3/19/24	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:	E403172-2	25	Prepared: 0	3/19/24	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:	E403172-2	25	Prepared: 0	3/19/24	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				

0.500

0.500

0.473

0.498

94.5

99.6

70-130

70-130



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

Houston TX, 77060		Project Manage	r: Eti	han Sessums				3	/22/2024 3:48:43PM
	Nonha	logenated Or	Analyst: KM						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2412028-BLK1)							Prepared: 0	3/19/24 An	alyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	35.4		50.0		70.9	50-200			
LCS (2412028-BS1)							Prepared: 0	3/19/24 An	alyzed: 03/19/24
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	38-132			
Surrogate: n-Nonane	36.6		50.0		73.1	50-200			
Matrix Spike (2412028-MS1)				Source:	E403172-	03	Prepared: 0	3/19/24 An	alyzed: 03/19/24
Diesel Range Organics (C10-C28)	229	25.0	250	ND	91.8	38-132			
Surrogate: n-Nonane	35.8		50.0		71.6	50-200			
Matrix Spike Dup (2412028-MSD1)				Source:	E403172-	03	Prepared: 0	3/19/24 An	alyzed: 03/19/24
Diesel Range Organics (C10-C28)	231	25.0	250	ND	92.2	38-132	0.472	20	
Gurrogate: n-Nonane	35.1		50.0		70.1	50-200			



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

Houston TX, 77060		Project Manage	r: Eti	han Sessums				3	3/22/2024 3:48:43PM	
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KM										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2412030-BLK1)							Prepared: 0	3/19/24 An	alyzed: 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: 0	3/19/24 An	alyzed: 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:	E403173-3	30	Prepared: 0	3/19/24 An	alyzed: 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:	E403173-3	30	Prepared: 0	3/19/24 An	alyzed: 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				

Analyst: DT

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

Anions	by	EPA 300.0/9056A

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

Blank (2412044-BLK1)						Prepared: 03	/19/24 Ana	lyzed: 03/20/24
Chloride	ND	20.0						
LCS (2412044-BS1)						Prepared: 03	/19/24 Ana	lyzed: 03/20/24
Chloride	250	20.0	250	99.8	90-110			
LCS Dup (2412044-BSD1)						Prepared: 03	/19/24 Ana	lyzed: 03/20/24
Chloride	249	20.0	250	99.8	90-110	0.0232	20	

Matrix Spike Dup (2412056-MSD1)

Chloride

1200

QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060		Project Name: Project Number: Project Manager:	(Riser Near the C 01058-0007 Ethan Sessums	Cotton Dra	w Unit 13	3-18 CTB		Reported: 3/22/2024 3:48:43PM
		Anions	by EPA	300.0/9056A	1				Analyst: IY
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2412056-BLK1)							Prepared: 0	3/20/24 A	nalyzed: 03/20/24
Chloride	ND	20.0							
LCS (2412056-BS1)							Prepared: 0	3/20/24 A	nalyzed: 03/20/24
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2412056-MS1)				Source:	E403172-	11	Prepared: 0	3/20/24 A	nalyzed: 03/20/24
Chloride	1210	20.0	250	1190	10.8	80-120			M4

250

20.0

Source: E403172-11

7.19

80-120

0.757

1190

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.



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

20

Definitions and Notes

ſ	NTG-New Tech Global Environmental	Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB	
l	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
l	Houston TX, 77060	Project Manager:	Ethan Sessums	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: £403172 Project No: 01050 - 0007

		17																	Page _	1 of6
roject Manager:	Ethan Sessum	S			Bill to: (if	different)		Dale	Wooda	all							Work	Order	Comments	
ompany Name:	NTG Environm	ental			Company	y Name:		Devo	n					7	Prograi	n: UST/F	ST PRP	Brow	nfields R	C perfund
ddress:	209 W McKay	St			Address:		374							71	State o	Project	:			
ity, State ZIP:	Carlsbad, NM 8	88220			City, Stat	e ZIP:									Reportir	g:Level	II Level I	II ∐st	UST RR	P Level IV
hone:	432-701-2159			Email	esessur	ns@ntgl	obal.cor	n							Delivera	bles: E[DD 🗌	ADaP	ot □ T	her:
roject Name:	Riser Near the	e Cotton Draw CTB	V Unit 13-18	Tur	n Around							AN	ALYSIS	REQ	JEST			LK A	Prese	rvative Codes
roject Number:		248489		✓ Routine	Rusi	n	Pres. Code			0									None: NO	DI Water: H ₂ O
roject Location	Lea Co	ounty New Me	exico	Due Date:															Cool: Cool	MeOH: Me
ampler's Name:		Kenny Han		TAT starts the	day receive	ed by the			+ MRO)	88									HCL: HC	HNO ₃ : HN
O #:		21308860		lab, if rec	eived by 4:3	0pm	5		+	w									H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECE	IPT Ten	np Blank:	Yes (No)	Wet Ice:	Yes	No	Parameters	<u>m</u>	+ DRO	4200									H ₃ PO ₄ : HP	
eceived Intact:	Ye	No_	Thermomete	er ID:			ıran	EX 8021B	+	i i							11	2	NaHSO ₄ : NA	ABIS
cooler Custody Sea	ls: Yes	No (N/A	Correction Fa	actor:		à	Pa	EX	8015M (GRO	Chloride								НОГР	Na ₂ S ₂ O ₃ : Na	aSO ₃
ample Custody Sea	als: Yes	No N/A	Temperature	Reading:	4	c		m	2W	ပ်	1								Zn Acetate+	NaOH: Zn
otal Containers:		60	Corrected Te	emperature:															NaOH+Asco	orbic Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH										Samp	le Comments
S-1	0-6"	3/14/2024	11:30	Х		Grab	1	Х	Х	Х									1	
S-1	1-1.5	3/14/2024	11:34	Х		Grab	1	Х	Х	Х									2	
S-1	2-2.5	3/14/2024	11:38	X		Grab	1	Х	X	Х									3	
S-1	3-3.5	3/14/2024	11:42	Х		Grab	1	Х	X	Х									4	
S-1	4-4.5	3/14/2024	11:46	Х		Grab	1	X	Х	Х									5	
S-1	5-5.5	3/14/2024	11:50	Х		Grab	1	Х	Х	Х									6	
S-2	0-6"	3/14/2024	11:54	Х		Grab	1	X	Х	Х									7	
S-2	1-1.5	3/14/2024	11:58	Х		Grab	1	X	X	Х									8	
S-2	2-2.5	3/14/2024	12:02	Х		Grab	1	Х	Х	Х					\neg				a	
S-2	3-3.5	3/14/2024	12:06	Х		Grab	1	X	X	X									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)	Recei	ived by: (Signature)	Date/	Time	Relinquished b	y: (Signature)	Received by: (Signature)	Date/Time
1 1861	miclile (yezh .	315-24	1030	Michele	Cent	S.M.	3.15.24 1700
3 J. J. T.		γ			4	Y	deri	3/18/240830
5					6			

Received by OCD: 6/24/2024 1:54:46 PM

(A)	NTG
	NVIRONMENTAL
Droject Manager	Ethan Cassuma

										166									Page	2 of6
roject Manager:	Ethan Se	ssums	i			Bill to: (if	different)		Dale	Wooda	all						Work	Order (Comments	
ompany Name:	NTG Envi	ironme	ental			Company	y Name:		Devon						Program: UST/PST PRP rownfields RC perfur					perfund
ddress:	209 W M	cKay S	St			Address:									100	of Project	Company of the control of the contro		_	
ity, State ZIP:	Carlsbad,	, NM 8	8220			City, Stat	State ZIP: Reporting:Level II								II Level III	□st.	UST RRP	Level IV		
hone:	432-701-2	2159			Email	Email: esessums@ntglobal.com							Delive	Deliverables: EDD ADaPT Other:						
roject Name:	Riser Ne	ear the	Cotton Draw	/ Unit 13-18	Tur	n Around							AN	ALYSIS I	REQUEST				Preserva	tive Codes
roject Number:			248489		✓ Routine	Rusi	n	Pres. Code		139									None: NO	DI Water: H ₂ O
roject Location	L	ea Co	unty New Me	exico	Due Date:						Ö								Cool: Cool	MeOH: Me
ampler's Name:		۲	Kenny Han		TAT starts the					+ MRO)	0.0			1 1					HCL: HC	HNO ₃ : HN
O #:			21308860		lab, if rec	eived by 4:3	0pm	5		+	3								H ₂ S0 ₄ : H ₂	NaOH: Na
AMPLE RECE	IPT	Tem	p Blank:	Yes No	Wet Ice:	Yes) No	Parameters	8	+ DRO	1009			1 1					H ₃ PO ₄ : HP	
		(Yes		Thermomete				arar	EX 8021B	o Q	de 4							HOLD	NaHSO ₄ : NABI	S
eceived Intact: ooler Custody Seal ample Custody Sea		Yes	\rightarrow	Correction F	***********		00	4	BTEX	99	Chloride							¥	Na ₂ S ₂ O ₃ : NaSC) ₃
	als:		No N/A	Temperature		9	°C	1 7 4 1	"	8015M (GRO	ਹ								Zn Acetate+Na	
otal Containers:			60	Corrected Te	emperature:	_		111 21	1	В Н				1 1					NaOH+Ascorbi	Acid: SAPC
Sample Identification	Depth (ft	bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH									Sample	Comments
S-2	4-4.5	5	3/14/2024	12:10	X		Grab	1	Х	X	Х								11	
S-3	0-6"	'	3/14/2024	12:14	Х		Grab	1	Х	X	Х								12	
S-3	1-1.5	5	3/14/2024	12:18	Х		Grab	1	Х	X	Х								13	
S-3	2-2.5	5	3/14/2024	12:22	Х		Grab	1	Х	Х	Х								iŭ	
S-3	3-3.5	5	3/14/2024	12:26	Х		Grab	1	Х	X	Х								15	
S-3	4-4.5	5	3/14/2024	12:30	Х		Grab	1	Х	X	Х								16	
S-3	5-5.5	5	3/14/2024	12:34	Х		Grab	1	Х	X	Х								17	
S-4	0-6"		3/14/2024	12:38	Х		Grab	1	Х	X	Х								18	
S-4	1-1.5	5	3/14/2024	12:42	Х		Grab	1	Х	Х	Х								19	
S-4	2-2.5	5	3/14/2024	12:46	Х		Grab	1	Х	Х	Х								20	
												- 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
1/6/2	Michelle Georgales	345-24 1030	Emidelle Cont	. L. H.	315.24 1700
3 L. M.	U		4	de:	3/18/24 0830
5			6		1

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Chain of Custody



Work Order No: E403172 Project No: 01058-0007

Project Manager:	Ethan Sessums				Bill to: (if	different)		Dale	Wooda	all .				007/49			Mark C	rdor	Page3 of Comments	
Company Name:	NTG Environme	98								411		1		1						
		E-0/15 E-0/2			Company	name:		Devor	1	-				Program: UST/PST PRP rownfields RC perfund State of Project:						
Address:	209 W McKay S				Address:		Oylane.			-				-						
City, State ZIP:	Carlsbad, NM 8	8220			City, Stat				+					1 1		·				el IV
Phone:	432-701-2159			Email	esessur	ns@ntgl	obal.cor	<u>n</u>						Delive	erables	EDD [ADaP	PT Other:	
Project Name:	Riser Near the	Cotton Draw CTB	Unit 13-18	Tur	n Around							ANAL	YSIS R	EQUEST					Preservative Co	odes
Project Number:		248489		✓ Routine	Rush	1	Pres. Code		B										None: NO DI Wa	ater: H ₂ O
Project Location	Lea Co	unty New Me	xico	Due Date:						0									Cool: Cool MeOH	
Sampler's Name:		Kenny Han		TAT starts the	day receive	ed by the			+ MRO)	8.0									HCL: HC HNO	
PO #:		21308860		lab, if rec	eived by 4:3	0pm	é		Σ +	3									H ₂ S0 ₄ : H ₂ NaOH	
SAMPLE RECEI	IPT Tem	p Blank:	Yes (No)	Wet Ice:	Yes) No	meters	<u>m</u>	+ DRO	4200									H₃PO₄: HP	
Received Intact:	Ye	s) No	Thermomete	r ID:		1.15	Iran	BTEX 8021B	+	le 🛠								2	NaHSO ₄ : NABIS	
Cooler Custody Seal	ole Custody Seals: Yes No N/A Tempera		Correction Fa	actor:		0	P.	Ä	8015M (GRO	Chloride		1 1						HOLD	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Sea			Temperature	Reading:	4	C		Ö	9W	ပ်									Zn Acetate+NaOH: Zn	
Total Containers:		60	Corrected Te	mperature:					801			1 1							NaOH+Ascorbic Acid: S	SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН										Sample Comme	ents
S-4	3-3.5	3/14/2024	12:50	Х		Grab	1	Х	Х	Х									21	
S-4	4-4.5	3/14/2024	12:54	Х		Grab	1	Х	Х	Х									22	
S-4	5-5.5	3/14/2024	12:58	Х		Grab	1	Х	Х	X									23	
S-5	0-6"	3/14/2024	1:02 PM	Х		Grab	1	Х	Х	Х									24	
S-5	1-1.5	3/14/2024	1:06 PM	Х		Grab	1	Х	Х	Х								\vdash	25	
S-5	2-2.5	3/14/2024	1:10 PM	Х		Grab	1	Х	Х	Х									26	
S-5	3-3.5	3/14/2024	1:14 PM	Х		Grab	1	Х	Х	Х							\top		27	
S-5	4-4.5	3/14/2024	1:18 PM	Х		Grab	1	Х	Х	Х		1							28	
S-6	0-6"	3/14/2024	1:22 PM	Х		Grab	1	Х	Х	Х									29	
S-6	1-1.5	3/14/2024	1:26 PM	X		Grab	1	Х	Х	Х									30	
V 1 1215			y	The state of the s		2 Consumer of the														
Additio	onal Comments	5:																		
Notice: Signature of this of service. Xenco will be of Xenco. A minimum ch.	liable only for the cos	t of samples and	shall not assume	any responsibilit	y for any los	ses or expe	nses incur	red by ti	he clien	t if such	losses are d	ue to circu	mstances	beyond the	control					

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 der	Michile Georgie	345-24 1030	24/4/clele Conste	ch.M.	3.15.24 1700
3 . M.	· O		4	190	3/18/24 0830
5			6		1.01

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

Envirotech Analytical Laboratory

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 0	8:30	Work Order ID:	E403172
Phone:	(281) 872-9300	Date Logged In:	03/18/24 1	2:34	Logged In By:	Angelina Pineda
Email:		Due Date:		7:00 (4 day TAT)		3
Chain a						
	Custody (COC) the sample ID match the COC?		Yes			
	he number of samples per sampling site location mate	ch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Comion C	Yournian	
	e COC complete, i.e., signatures, dates/times, request	ted analysees?	Yes	Carrier: <u>C</u>	<u>courier</u>	
	Ill samples received within holding time?	ica anaryses:	Yes			
3. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		103		Commen	ts/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Riser Near the	Cotton Draw Unit
Sample (<u>Cooler</u>				13-18 CTB has been se	parated into
7. Was a	sample cooler received?		Yes		multiple workorders du	e to high sample
8. If yes,	was cooler received in good condition?		Yes		•	•
9. Was th	e sample(s) received intact, i.e., not broken?		Yes		volume. WO are as foll	iows. E4031/2,
	custody/security seals present?		No		E403173	
	, were custody/security seals intact?					
-	• •		NA			
12. Was tr	ne sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling		Yes			
13. If no	visible ice, record the temperature. Actual sample t	temperature: 4°0	<u>C</u>			
Sample (<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample contained	ers collected?	Yes			
Field La	bel					
20. Were	field sample labels filled out with the minimum infor	mation:				
	ample ID?		Yes			
	Oate/Time Collected?		Yes	ı		
_	Collectors name?		Yes			
	Preservation	40				
	the COC or field labels indicate the samples were pre	eserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved me	etals?	No			
	ase Sample Matrix					
26. Does	the sample have more than one phase, i.e., multiphase	e?	No			
27. If yes	, does the COC specify which phase(s) is to be analyze	zed?	NA			
<u>Su</u> bconti	ract Laboratory					
	amples required to get sent to a subcontract laborator	y?	No			
	a subcontract laboratory specified by the client and if	•	NA	Subcontract Lab	: NA	
Client I	nstruction					
CHERT	19tt uctivit					
						0
Signat	ture of client authorizing changes to the COC or sample disp	osition.			Date	envirotech :

Report to:
Ethan Sessums







5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name: Riser Ne

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

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 reguarding 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:

Southern New Mexico Area

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Sample Summary

Γ	NTG-New Tech Global Environmental	Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB	Donoutoda
l	911 Regional Park Dr.	Project Number:	01058-0007	Reported:
l	Houston TX, 77060	Project Manager:	Ethan Sessums	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.



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

S-6 2-2.5' E403173-01

Result	Reporting Limit	Dilı	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst			Batch: 2412031
			1	03/19/24	03/20/24	
			1	03/19/24	03/20/24	
ND	0.0250		1	03/19/24	03/20/24	
ND	0.0250		1	03/19/24	03/20/24	
ND	0.0500		1	03/19/24	03/20/24	
ND	0.0250		1	03/19/24	03/20/24	
	96.0 %	70-130		03/19/24	03/20/24	
	98.4 %	70-130		03/19/24	03/20/24	
	101 %	70-130		03/19/24	03/20/24	
mg/kg	mg/kg		Analyst	RAS		Batch: 2412031
ND	20.0		1	03/19/24	03/20/24	
	96.0 %	70-130		03/19/24	03/20/24	
	98.4 %	70-130		03/19/24	03/20/24	
	101 %	70-130		03/19/24	03/20/24	
mg/kg	mg/kg		Analyst	KM		Batch: 2412029
ND	25.0	_	1	03/19/24	03/21/24	
ND	50.0		1	03/19/24	03/21/24	
	95.1 %	50-200		03/19/24	03/21/24	
mg/kg	mg/kg		Analyst	DT		Batch: 2412068
229	20.0		1	03/20/24	03/21/24	
	mg/kg ND Mg/kg ND Mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 96.0 % 98.4 % 101 % 96.0 % 98.4 % 101 % mg/kg mg/kg ND 25.0 ND 50.0 95.1 % mg/kg mg/kg mg/kg	Result Limit Dile mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 PM 0.0250 PM 70-130 98.4 % 70-130 101 % 70-130 98.4 % 70-130 98.4 % 70-130 101 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 95.1 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 96.0 % 70-130 98.4 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 96.0 % 70-130 1 96.0 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 95.1 % 50-200 mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RAS ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0500 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 98.4 % 70-130 03/19/24 98.4 % 70-130 03/19/24 101 % 70-130 03/19/24 98.4 % 70-130 03/19/24 98.4 % 70-130 03/19/24 98.4 % 70-130 03/19/24 101 % 70-130 03/19/24 101 % 70-130 03/19/24 101 % 70-130 03/19/24 101 % 70-130 03/19/24 101 % 70-130 03/19/24 ND 25.0	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 03/19/24 03/20/24 ND 0.0500 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 96.0 % 70-130 03/19/24 03/20/24 98.4 % 70-130 03/19/24 03/20/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 03/19/24 03/20/24 98.4 % 70-130 03/19/24 03/20/24 98.4 % 70-130 03/19/24 03/20/24 mg/kg mg/kg Analyst: KM ND 25.0 1



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

S-6 3-3.5' E403173-02

		E403173-02					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R	AS		Batch: 2412031
Benzene	ND	0.0250	1	ļ	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	!	03/19/24	03/20/24	
Toluene	ND	0.0250	1	l	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	Į.	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	Į.	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	l	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		96.7 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		96.7 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		106 %	70-130		03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	M		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	<u>. </u>	03/19/24	03/21/24	
Surrogate: n-Nonane		99.3 %	50-200		03/19/24	03/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: D	T		Batch: 2412068
Chloride	261	20.0	1		03/20/24	03/21/24	



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

S-6 4-4.5' E403173-03

		E403173-03					
Analyte	Result	Reporting Limit	Dil	lution	Prepared	Analyzed	Notes
Analyte			DI			rmaryzed	
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	
Surrogate: Bromofluorobenzene		97.4 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		97.4 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	



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

S-7 0-6" E403173-04

D. I	Reporting	D.11		D 1		N
Kesult	Limit	Dıl	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: RAS		Batch: 2412031
ND	0.0250		1	03/19/24	03/20/24	
ND	0.0250		1	03/19/24	03/20/24	
ND	0.0250		1	03/19/24	03/20/24	
ND	0.0250		1	03/19/24	03/20/24	
ND	0.0500		1	03/19/24	03/20/24	
ND	0.0250		1	03/19/24	03/20/24	
	100 %	70-130		03/19/24	03/20/24	
	99.8 %	70-130		03/19/24	03/20/24	
	102 %	70-130		03/19/24	03/20/24	
mg/kg	mg/kg		Analyst:	: RAS		Batch: 2412031
ND	20.0		1	03/19/24	03/20/24	
	100 %	70-130		03/19/24	03/20/24	
	99.8 %	70-130		03/19/24	03/20/24	
	102 %	70-130		03/19/24	03/20/24	
mg/kg	mg/kg		Analyst:	: KM		Batch: 2412029
ND	25.0		1	03/19/24	03/21/24	
ND	50.0		1	03/19/24	03/21/24	
	93.2 %	50-200		03/19/24	03/21/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2412068
8190	100	•	5	03/20/24	03/21/24	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IOO % 99.8 % 102 % mg/kg MD 20.0 100 % 99.8 % 102 % mg/kg MD 25.0 ND 50.0 93.2 % mg/kg mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 100 % 70-130 99.8 % 70-130 102 % 70-130 mg/kg mg/kg ND 20.0 100 % 70-130 99.8 % 70-130 102 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 93.2 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 99.8 % 70-130 70-130 mg/kg mg/kg Analyst ND 20.0 1 100 % 70-130 70-130 mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1 93.2 % 50-200 mg/kg Mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RAS ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0500 1 03/19/24 ND 0.0250 1 03/19/24 ND 70-130 03/19/24 99.8 % 70-130 03/19/24 102 % 70-130 03/19/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 03/19/24 99.8 % 70-130 03/19/24 99.8 % 70-130 03/19/24 102 % 70-130 03/19/24 102 % 70-130 03/19/24 102 % 70-130 03/19/24 102 % 70-130 03/19/24 102 % 70-130 03/19/24 ND 25.0 <td< td=""><td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 03/19/24 03/20/24 ND 0.0500 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 99.8 % 70-130 03/19/24 03/20/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 03/19/24 03/20/24 99.8 % 70-130 03/19/24 03/20/24 99.8 % 70-130 03/19/24 03/20/24 102 % 70-130 03/19/24 03/20/24 mg/kg</td></td<>	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 03/19/24 03/20/24 ND 0.0500 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 99.8 % 70-130 03/19/24 03/20/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 03/19/24 03/20/24 99.8 % 70-130 03/19/24 03/20/24 99.8 % 70-130 03/19/24 03/20/24 102 % 70-130 03/19/24 03/20/24 mg/kg



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

S-7 1-1.5' E403173-05

		E403173-03					
Austra	Result	Reporting Limit		ıtion	D 1	A a lasses al	Notes
Analyte	Kesuit	Limit	Dilt	mon	Prepared	Analyzed	inotes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2412031
Benzene	ND	0.0250	1	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	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	



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

S-7 2-2.5' E403173-06

		E405175-00				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilui	ion Prepared	Aliatyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	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	
Surrogate: Bromofluorobenzene		97.9 %	70-130	03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		97.9 %	70-130	03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	03/19/24	03/20/24	
Surrogate: Toluene-d8		100 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		93.7 %	50-200	03/19/24	03/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2412068
Chloride	4890	40.0	2	03/20/24	03/21/24	

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

S-7 3-3.5' E403173-07

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	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	
Surrogate: Bromofluorobenzene		97.6 %	70-130	03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	03/19/24	03/20/24	
Surrogate: Toluene-d8		94.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RAS	Batch: 2412031	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		97.6 %	70-130	03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130	03/19/24	03/20/24	
Surrogate: Toluene-d8		94.1 %	70-130	03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	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	
Surrogate: n-Nonane		94.1 %	50-200	03/19/24	03/21/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2412068
Chloride	3070	40.0	2	03/20/24	03/21/24	



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

S-7 4-4.5' E403173-08

		E4031/3-08					
		Reporting			_		
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2412031
Benzene	ND	0.0250	1	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		97.6 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		97.6 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/21/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/19/24	03/21/24	
Surrogate: n-Nonane		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	1	03/20/24	03/21/24	



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

S-8 0-6" E403173-09

		E403173-09					
Analyte	Result	Reporting Limit	Dilu	ıti	Duomonod	Amalyzad	Notes
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2412031
Benzene	ND	0.0250	1	l	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	l	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	l	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	l	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		99.4 %	70-130		03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg A		Analyst: RAS			Batch: 2412031
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/19/24	03/22/24	
Surrogate: n-Nonane		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	5	03/20/24	03/21/24	



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

S-8 1-1.5' E403173-10

		E403173-10					
		Reporting					
Analyte	Result	Limit	Dilu	tion	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	l	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	l	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1		03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		98.7 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	<u> </u>	03/19/24	03/22/24	
Surrogate: n-Nonane		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	5	03/20/24	03/21/24	



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

S-8 2-2.5' E403173-11

		E4031/3-11					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dill	ution	rrepared	Analyzeu	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	
Surrogate: Bromofluorobenzene		106 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		106 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	



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

S-8 3-3.5' E403173-12

		E4031/3-12					
Analyte	Result	Reporting Limit	Dilu	,tian	Prepared	Amalyzad	Notes
Analyte	Resuit	Limit	Dilu	uion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2412031
Benzene	ND	0.0250	1	l	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	l	03/19/24	03/20/24	
Toluene	ND	0.0250	1	l	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	l	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	l	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	l	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	l	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		107 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	l	03/19/24	03/22/24	
Surrogate: n-Nonane		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			2	03/20/24	03/21/24	



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

S-8 4-4.5' E403173-13

		E4031/3-13					
	D 1	Reporting			D 1		N.
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2412031
Benzene	ND	0.0250	1	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/19/24	03/22/24	
Surrogate: n-Nonane		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	1	03/20/24	03/21/24	



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

S-9 0-6" E403173-14

	E405175-14					
Result	Reporting	Dilu	ntion	Prepared	Analyzed	Notes
				•	7 mary 2ca	
			Anaiyst:			Batch: 2412031
		1	l			
		1	1			
ND	0.0250	1	l	03/19/24	03/20/24	
ND	0.0250	1	1	03/19/24	03/20/24	
ND	0.0500	1	l	03/19/24	03/20/24	
ND	0.0250	1	1	03/19/24	03/20/24	
	90.1 %	70-130		03/19/24	03/20/24	
	96.6 %	70-130		03/19/24	03/20/24	
	98.6 %	70-130		03/19/24	03/20/24	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2412031
ND	20.0	1	l	03/19/24	03/20/24	
	90.1 %	70-130		03/19/24	03/20/24	
	96.6 %	70-130		03/19/24	03/20/24	
	98.6 %	70-130		03/19/24	03/20/24	
mg/kg	mg/kg		Analyst:	KM		Batch: 2412029
ND	25.0	1	1	03/19/24	03/22/24	
ND	50.0	1	1	03/19/24	03/22/24	
	96.7 %	50-200		03/19/24	03/22/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2412068
12000	200	1	0	03/20/24	03/21/24	
	MD ND Mg/kg ND mg/kg ND mg/kg	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 90.1 % 96.6 % 98.6 % 98.6 % mg/kg mg/kg ND 20.0 90.1 % 96.6 % 98.6 % 98.6 % mg/kg mg/kg ND 25.0 ND 50.0 96.7 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilu mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 90.1 % 70-130 96.6 % 70-130 98.6 % 70-130 96.6 % 70-130 96.6 % 70-130 98.6 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 96.7 % 50-200 mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 90.1 % 70-130 98.6 % 70-130 mg/kg mg/kg Analyst ND 20.0 1 90.1 % 70-130 98.6 % 98.6 % 70-130 98.6 % mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1 96.7 % 50-200 mg/kg Mg/kg Analyst	Reporting Result Limit Dilution Prepared mg/kg Analyst: RAS ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0500 1 03/19/24 ND 0.0250 1 03/19/24 ND 70-130 03/19/24 96.6 % 70-130 03/19/24 98.6 % 70-130 03/19/24 98.6 % 70-130 03/19/24 98.6 % 70-130 03/19/24 98.6 % 70-130 03/19/24 98.6 % 70-130 03/19/24 98.6 % 70-130 03/19/24 98.6 % 70-130 03/19/24 98.6 % 70-130 03/19/24 98.6 % 70-130 03/19/24 MD 25.0 1 03/19/24 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 03/19/24 03/20/24 ND 0.0500 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 ND 0.0250 1 03/19/24 03/20/24 90.1 % 70-130 03/19/24 03/20/24 96.6 % 70-130 03/19/24 03/20/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 03/19/24 03/20/24 96.6 % 70-130 03/19/24 03/20/24 98.6 % 70-130 03/19/24 03/20/24 98.6 % 70-130 03/19/24 03/20/24<



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

S-9 1-1.5' E403173-15

		E4031/3-15					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2412031
Benzene	ND	0.0250	1	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	l	03/19/24	03/20/24	
Toluene	ND	0.0250	1	l	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	l	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	l	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	l	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	03/19/24	03/22/24	
Surrogate: n-Nonane		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	2	03/20/24	03/21/24	



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

S-9 2-2.5' E403173-16

		E4031/3-10					
	D 1	Reporting					N.
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2412031
Benzene	ND	0.0250	1	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		104 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		104 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/22/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/19/24	03/22/24	
Surrogate: n-Nonane		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	1	03/20/24	03/21/24	



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

S-9 3-3.5' E403173-17

D 1	Reporting	F.:-		D 1		N.
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: RAS		Batch: 2412031
ND	0.0250		1	03/19/24	03/22/24	
ND	0.0250		1	03/19/24	03/22/24	
ND	0.0250		1	03/19/24	03/22/24	
ND	0.0250		1	03/19/24	03/22/24	
ND	0.0500		1	03/19/24	03/22/24	
ND	0.0250		1	03/19/24	03/22/24	
	98.3 %	70-130		03/19/24	03/22/24	
	96.4 %	70-130		03/19/24	03/22/24	
	99.7 %	70-130		03/19/24	03/22/24	
mg/kg	mg/kg		Analyst: RAS			Batch: 2412031
ND	20.0		1	03/19/24	03/22/24	
	98.3 %	70-130		03/19/24	03/22/24	
	96.4 %	70-130		03/19/24	03/22/24	
	99.7 %	70-130		03/19/24	03/22/24	
mg/kg	mg/kg		Analyst:	: KM		Batch: 2412029
ND	25.0	-	1	03/19/24	03/22/24	
ND	50.0		1	03/19/24	03/22/24	
	100 %	50-200		03/19/24	03/22/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2412068
395	20.0		1	03/20/24	03/21/24	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 98.3 % 96.4 % 99.7 % mg/kg ND 20.0 98.3 % 96.4 % 99.7 % mg/kg Mg/kg mg/kg ND 25.0 ND 50.0 100 % mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 98.3 % 70-130 96.4 % 70-130 99.7 % 70-130 mg/kg mg/kg ND 20.0 98.3 % 70-130 99.7 % 70-130 99.7 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 98.3 % 70-130 99.7 % 70-130 mg/kg mg/kg Analyst ND 20.0 1 98.3 % 70-130 99.7 % 99.7 % 70-130 99.7 % mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1 100 % 50-200 mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RAS ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0500 1 03/19/24 ND 0.0250 1 03/19/24 ND 0.0250 1 03/19/24 98.3 % 70-130 03/19/24 99.7 % 70-130 03/19/24 99.7 % 70-130 03/19/24 98.3 % 70-130 03/19/24 96.4 % 70-130 03/19/24 99.7 % 70-130 03/19/24 99.7 % 70-130 03/19/24 99.7 % 70-130 03/19/24 99.7 % 70-130 03/19/24 99.7 % 70-130 03/19/24 ND 25.0 1 03/19/24 ND <t< td=""><td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 03/19/24 03/22/24 ND 0.0500 1 03/19/24 03/22/24 ND 0.0250 1 03/19/24 03/22/24 ND 0.0250 1 03/19/24 03/22/24 98.3 % 70-130 03/19/24 03/22/24 99.7 % 70-130 03/19/24 03/22/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 03/19/24 03/22/24 98.3 % 70-130 03/19/24 03/22/24 99.7 % 70-130 03/19/24 03/22/24 mg/kg mg/kg Analyst: KM ND 50.0 1</td></t<>	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 03/19/24 03/22/24 ND 0.0500 1 03/19/24 03/22/24 ND 0.0250 1 03/19/24 03/22/24 ND 0.0250 1 03/19/24 03/22/24 98.3 % 70-130 03/19/24 03/22/24 99.7 % 70-130 03/19/24 03/22/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 03/19/24 03/22/24 98.3 % 70-130 03/19/24 03/22/24 99.7 % 70-130 03/19/24 03/22/24 mg/kg mg/kg Analyst: KM ND 50.0 1



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

S-9 4-4.5' E403173-18

		E4031/3-18					
	D. I.	Reporting	D.i.	·	D 1		N
Analyte	Result	Limit	Dilt	ıtion	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	
Surrogate: Bromofluorobenzene		97.7 %	70-130		03/19/24	03/22/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		03/19/24	03/22/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		97.7 %	70-130		03/19/24	03/22/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		03/19/24	03/22/24	
Surrogate: Toluene-d8		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	<u> </u>	1	03/19/24	03/22/24	
Surrogate: n-Nonane		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	



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

H-1 0-6" E403173-19

		E403173-19					
		Reporting					
Analyte	Result	Limit	Dilı	ution	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	
Surrogate: Bromofluorobenzene		98.2 %	70-130		03/19/24	03/22/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		03/19/24	03/22/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		98.2 %	70-130		03/19/24	03/22/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		03/19/24	03/22/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	
inoriac	ND	20.0		-			

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

H-2 0-6" E403173-20

		E403173-20					
	-	Reporting					
Analyte	Result	Limit	Dıl	ution	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	
Surrogate: Bromofluorobenzene		96.1 %	70-130		03/19/24	03/22/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/19/24	03/22/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		96.1 %	70-130		03/19/24	03/22/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		03/19/24	03/22/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	



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

H-3 0-6" E403173-21

		12403173-21					
No1-4-	Dl/	Reporting			Duranad	A a laa . I	Nister
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
olatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2412033
nzene	ND	0.0250		1	03/19/24	03/20/24	
hylbenzene	ND	0.0250		1	03/19/24	03/20/24	
luene	ND	0.0250		1	03/19/24	03/20/24	
Xylene	ND	0.0250		1	03/19/24	03/20/24	
n-Xylene	ND	0.0500		1	03/19/24	03/20/24	
tal Xylenes	ND	0.0250		1	03/19/24	03/20/24	
rogate: Bromofluorobenzene		102 %	70-130		03/19/24	03/20/24	
rogate: 1,2-Dichloroethane-d4		102 %	70-130		03/19/24	03/20/24	
rogate: Toluene-d8		99.4 %	70-130		03/19/24	03/20/24	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RAS			Batch: 2412033
soline Range Organics (C6-C10)	ND	20.0		1	03/19/24	03/20/24	
rogate: Bromofluorobenzene		102 %	70-130		03/19/24	03/20/24	
rogate: 1,2-Dichloroethane-d4		102 %	70-130		03/19/24	03/20/24	
rrogate: Toluene-d8		99.4 %	70-130		03/19/24	03/20/24	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2412030
esel Range Organics (C10-C28)	ND	25.0		1	03/19/24	03/20/24	
l Range Organics (C28-C36)	ND	50.0		1	03/19/24	03/20/24	
rrogate: n-Nonane		96.3 %	50-200		03/19/24	03/20/24	
nions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2412069
loride	ND	20.0	_	1	03/20/24	03/21/24	
nions by EPA 300.0/9056A		mg/kg	50-200		: DT		Batch: 2412



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

H-4 0-6" E403173-22

		E403173-22					
Analysis	D14	Reporting Limit	Dilu		D 1	A a lasses al	Notes
Analyte	Result	Limit	Dilu	luon	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2412033
Benzene	ND	0.0250	1	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/19/24	03/20/24	
Surrogate: n-Nonane		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	1	03/20/24	03/21/24	



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

H-5 0-6" E403173-23

		E403173-23					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R	AS		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	
Surrogate: Bromofluorobenzene		102 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		97.4 %	70-130		03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RAS			Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		102 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		97.4 %	70-130		03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: K	ĽM.		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	
Surrogate: n-Nonane		92.7 %	50-200		03/19/24	03/20/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: D	PΤ		Batch: 2412069
Chloride	ND	20.0	1		03/20/24	03/21/24	



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

H-6 0-6" E403173-24

Reporting Limit				
Liiiit	Dilut	ion Prepared	Analyzed	Notes
	Dilut	ion Trepared	Allaryzeu	ivotes
mg/kg	A	Analyst: RAS		Batch: 2412033
0.0250	1	03/19/24	03/20/24	
0.0250	1	03/19/24	03/20/24	
0.0250	1	03/19/24	03/20/24	
0.0250	1	03/19/24	03/20/24	
0.0500	1	03/19/24	03/20/24	
0.0250	1	03/19/24	03/20/24	
102 %	70-130	03/19/24	03/20/24	
99.2 %	70-130	03/19/24	03/20/24	
98.7 %	70-130	03/19/24	03/20/24	
mg/kg	A	Analyst: RAS		Batch: 2412033
20.0	1	03/19/24	03/20/24	
102 %	70-130	03/19/24	03/20/24	
99.2 %	70-130	03/19/24	03/20/24	
98.7 %	70-130	03/19/24	03/20/24	
mg/kg	A	Analyst: KM		Batch: 2412030
25.0	1	03/19/24	03/20/24	
50.0	1	03/19/24	03/20/24	
94.2 %	50-200	03/19/24	03/20/24	
mg/kg	A	Analyst: DT		Batch: 2412069
20.0	1	03/20/24	03/21/24	
	0.0250 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 102 % 99.2 % 98.7 % mg/kg 20.0 102 % 99.2 % 98.7 % mg/kg 25.0 50.0	0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 0.0250 1 102% 70-130 98.7% 70-130 mg/kg 2 20.0 1 102% 70-130 98.7% 70-130 98.7% 70-130 98.7% 70-130 99.2% 70-130 99.2% 70-130 99.2% 70-130 99.2% 70-130 99.2% 50-200 mg/kg 4 25.0 1 50.0 1	0.0250 1 03/19/24 0.0250 1 03/19/24 0.0250 1 03/19/24 0.0250 1 03/19/24 0.0250 1 03/19/24 0.0500 1 03/19/24 0.0250 1 03/19/24 0.0250 1 03/19/24 0.0250 1 03/19/24 99.2 % 70-130 03/19/24 98.7 % 70-130 03/19/24 mg/kg Analyst: RAS 20.0 1 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 99.2 % 70-130 03/19/24 mg/kg Analyst: KM	0.0250



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

H-7 0-6" E403173-25

		E403173-25					
A 1.	D 1	Reporting		<i>.</i> ·	D 1		N
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RAS			Batch: 2412033
Benzene	ND	0.0250	1	1	03/19/24	03/20/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/20/24	
Toluene	ND	0.0250	1	1	03/19/24	03/20/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/20/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/20/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		104 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		99.6 %	70-130		03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg mg/kg Analyst: RAS			Batch: 2412033		
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		104 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/19/24	03/20/24	
Surrogate: n-Nonane		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	1	03/20/24	03/21/24	



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

H-8 0-6" E403173-26

		2100110 20					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/kg			Analyst	Batch: 2412033		
Benzene	ND	0.0250		1 03/19/24		03/20/24	Butch: 2 112033
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	
Surrogate: Bromofluorobenzene		101 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: Bromofluorobenzene		101 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	

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

H-9 0-6" E403173-27

		E403173-27					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Allarytt	Result	Limit	Dili	ution	Trepared	Anaryzeu	ivotes
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	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		97.4 %	70-130		03/19/24	03/20/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	g/kg mg/kg Aı		Analyst: RAS			Batch: 2412033
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/19/24	03/20/24	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/20/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		03/19/24	03/20/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane	·	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	Project Name:	Riser Near the Cotton Draw Unit 13-18 CTB	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	3/25/2024 5:11:17PM

H-10 0-6" E403173-28

		E403173-20					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilu	itiOII	richaica	Anaryzed	INUICS
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2412033
Benzene	ND	0.0250	1	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/21/24	
Surrogate: Bromofluorobenzene		101 %	70-130		03/19/24	03/21/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/19/24	03/21/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/21/24	
Surrogate: Bromofluorobenzene		101 %	70-130		03/19/24	03/21/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		03/19/24	03/21/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/19/24	03/20/24	
Surrogate: n-Nonane		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	1	03/20/24	03/21/24	



Sample Data

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

H-11 0-6" E403173-29

		E403173-29					
	D 1	Reporting		.•	D 1		N.
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS	Batch: 2412033	
Benzene	ND	0.0250	1	1	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	1	03/19/24	03/21/24	
Toluene	ND	0.0250	1	1	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	1	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	1	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	1	03/19/24	03/21/24	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/21/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		03/19/24	03/21/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/21/24	
Surrogate: Bromofluorobenzene		103 %	70-130		03/19/24	03/21/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		03/19/24	03/21/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/20/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	03/19/24	03/20/24	
Surrogate: n-Nonane		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	1	03/20/24	03/21/24	



Sample Data

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

H-12 0-6" E403173-30

		E4031/3-30					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	-	Analyst:	RAS		Batch: 2412033
Benzene	ND	0.0250	1	l	03/19/24	03/21/24	
Ethylbenzene	ND	0.0250	1	l	03/19/24	03/21/24	
Toluene	ND	0.0250	1	l	03/19/24	03/21/24	
o-Xylene	ND	0.0250	1	l	03/19/24	03/21/24	
p,m-Xylene	ND	0.0500	1	l	03/19/24	03/21/24	
Total Xylenes	ND	0.0250	1	l	03/19/24	03/21/24	
Surrogate: Bromofluorobenzene		102 %	70-130		03/19/24	03/21/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		03/19/24	03/21/24	
Surrogate: Toluene-d8		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	1	03/19/24	03/21/24	
Surrogate: Bromofluorobenzene		102 %	70-130		03/19/24	03/21/24	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		03/19/24	03/21/24	
Surrogate: Toluene-d8		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	
Surrogate: n-Nonane		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	1	03/20/24	03/21/24	



QC Summary Data

Riser Near the Cotton Draw Unit 13-18 CTB NTG-New Tech Global Environmental Project Name: Reported: Project Number: 911 Regional Park Dr. 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 3/25/2024 5:11:17PM **Volatile Organic Compounds by EPA 8260B** Analyst: RAS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2412031-BLK1) Prepared: 03/19/24 Analyzed: 03/20/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.533 0.500 107 70-130 Surrogate: 1,2-Dichloroethane-d4 0.481 0.500 96.2 70-130 0.500 102 70-130 Surrogate: Toluene-d8 0.510 LCS (2412031-BS1) Prepared: 03/19/24 Analyzed: 03/20/24 2.31 0.0250 2.50 92.2 70-130 Benzene 2.50 94.7 70-130 2.37 Ethylbenzene 0.0250 2.50 0.0250 2.50 99.8 70-130 2.35 93.9 70-130 0.0250 2.50 o-Xylene 4.75 5.00 95.0 70-130 p,m-Xylene 0.0500 7.10 0.0250 7.50 94.7 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.501 0.500 100 70-130 0.500 97.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.489 70-130 Surrogate: Toluene-d8 0.500 0.513 Matrix Spike (2412031-MS1) Source: E403173-06 Prepared: 03/19/24 Analyzed: 03/20/24 2.28 0.0250 2.50 ND 91.0 48-131 45-135 Ethylbenzene 2.34 0.0250 2.50 ND 93.6 107 48-130 Toluene 2.68 0.0250 2.50 ND 2.55 0.0250 2.50 ND 102 43-135 o-Xylene ND 103 43-135 p,m-Xylene 5.13 0.0500 5.00 Total Xylenes 7.68 0.0250 7.50 ND 102 43-135 Surrogate: Bromofluorobenzene 0.479 0.500 95.8 70-130 0.497 0.500 99.4 70-130 Surrogate: 1,2-Dichloroethane-d4

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

0.544

2.26

2.49

2.71

5.46

8.16

0.553

0.479

0.496

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

0.507

2.64

7.40

5.95

6.14

6.08

Source: E403173-06

90.6

96.1

99.7

108

109

109

111

95.8

ND

ND

ND

ND

ND

ND



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

23

27

24

27

27

27

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2412031-MSD1)

QC Summary Data

Riser Near the Cotton Draw Unit 13-18 CTB NTG-New Tech Global Environmental Project Name: Reported: Project Number: 911 Regional Park Dr. 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 3/25/2024 5:11:17PM **Volatile Organic Compounds by EPA 8260B** Analyst: RAS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % Notes Blank (2412033-BLK1) Prepared: 03/19/24 Analyzed: 03/20/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.513 0.500 103 70-130 Surrogate: 1,2-Dichloroethane-d4 0.487 0.500 97.3 70-130 0.500 98.5 70-130 Surrogate: Toluene-d8 0.493 LCS (2412033-BS1) Prepared: 03/19/24 Analyzed: 03/20/24 2.43 0.0250 2.50 97.1 70-130 Benzene 2.48 2.50 70-130 99.4 Ethylbenzene 0.0250 2.35 0.0250 2.50 94.0 70-130 70-130 2.52 0.0250 2.50 101 o-Xylene 5.03 5.00 101 70-130 p,m-Xylene 0.0500 7.55 0.0250 7.50 101 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.531 0.500 106 70-130 0.500 96.3 70-130 Surrogate: 1,2-Dichloroethane-d4 0.482 70-130 Surrogate: Toluene-d8 0.505 0.500 Matrix Spike (2412033-MS1) Source: E403172-25 Prepared: 03/19/24 Analyzed: 03/20/24 2.46 0.0250 2.50 ND 98.4 48-131 45-135 Ethylbenzene 2.47 0.0250 2.50 ND 98.8 93.2 48-130 Toluene 2.33 0.0250 2.50 ND 2.47 0.0250 2.50 ND 98.8 43-135 o-Xylene 4.90 5.00 ND 97.9 43-135 p,m-Xylene 0.0500 Total Xylenes 7.37 0.0250 7.50 ND 98.2 43-135 Surrogate: Bromofluorobenzene 0.522 0.500 104 70-130 0.491 0.500 98.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.496 99.2 Surrogate: Toluene-d8 Matrix Spike Dup (2412033-MSD1) Source: E403172-25 Prepared: 03/19/24 Analyzed: 03/20/24



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.42

2.35

2.54

5.04

7.58

0.517

0.483

0.502

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

ND

ND

ND

ND

ND

ND

96.9

99.7

94.1

102

101

101

103

96.6

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

1.54

0.947

0.961

2.77

3.01

2.93

23

27

24

27

27

27

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

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

Houston TX, 77060		Project Manager		han Sessums					3/25/2024 5:11:17PM	
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: RAS	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2412031-BLK1)							Prepared: 0	3/19/24 A1	nalyzed: 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: 0	3/19/24 Aı	nalyzed: 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: 1	E403173-0	06	Prepared: 0	3/19/24 Aı	nalyzed: 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: 1	E403173-0	06	Prepared: 0	3/19/24 Aı	nalyzed: 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				

0.500

0.500

0.504

70-130

70-130

101

102



Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

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

911 Regional Park Dr. Houston TX, 77060		Project Number Project Manager		1058-0007 than Sessums					3/25/2024 5:11:17PM
	Nonhalogenated Organics by EPA 8015D - GRO						Analyst: RAS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2412033-BLK1)							Prepared: 0	3/19/24 A	nalyzed: 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: 0	3/19/24 A	nalyzed: 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: 1	E403172-2	25	Prepared: 0	3/19/24 A	nalyzed: 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: 1	E403172-2	25	Prepared: 0	3/19/24 A	nalyzed: 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			

0.500

0.500

0.473

0.498

94.5

99.6

70-130

70-130



QC Summary Data

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

Houston TX, 77060		Project Manager	r: Et	han Sessums				3	3/25/2024 5:11:17PN
	Nonha	logenated Or		Analyst: KM					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2412029-BLK1)							Prepared: 0	3/19/24 An	alyzed: 03/21/24
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.0		50.0		100	50-200			
.CS (2412029-BS1)							Prepared: 0	3/19/24 An	alyzed: 03/21/24
Diesel Range Organics (C10-C28)	303	25.0	250		121	38-132			
urrogate: n-Nonane	50.5		50.0		101	50-200			
Matrix Spike (2412029-MS1)				Source:	E403173-	07	Prepared: 0	3/19/24 An	alyzed: 03/21/24
Diesel Range Organics (C10-C28)	306	25.0	250	ND	122	38-132			
urrogate: n-Nonane	48.1		50.0		96.2	50-200			
Matrix Spike Dup (2412029-MSD1)				Source:	E403173-	07	Prepared: 0	3/19/24 An	alyzed: 03/21/24
Diesel Range Organics (C10-C28)	303	25.0	250	ND	121	38-132	0.830	20	
urrogate: n-Nonane	49.5		50.0		98.9	50-200			



QC Summary Data

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

Houston TX, 77060		Project Manager	r: Eti	nan Sessums				-	3/25/2024 5:11:17PN
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2412030-BLK1)							Prepared: 0	3/19/24 An	alyzed: 03/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	46.4		50.0		92.8	50-200			
LCS (2412030-BS1)							Prepared: 0	3/19/24 An	alyzed: 03/19/24
Diesel Range Organics (C10-C28)	289	25.0	250		116	38-132			
urrogate: n-Nonane	46.3		50.0		92.5	50-200			
Matrix Spike (2412030-MS1)				Source:	E403173-3	30	Prepared: 0	3/19/24 An	alyzed: 03/19/24
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	38-132			
urrogate: n-Nonane	45.1		50.0		90.3	50-200			
Matrix Spike Dup (2412030-MSD1)				Source:	E403173-3	30	Prepared: 0	3/19/24 An	alyzed: 03/19/24
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132	1.01	20	
'urrogate: n-Nonane	44.2		50.0		88.4	50-200			

Matrix Spike Dup (2412068-MSD1)

1830

Chloride

QC Summary Data

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

		Anions	by EPA 3	00.0/9056	A				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2412068-BLK1)							Prepared: 0	3/20/24 Anal	yzed: 03/20/24
Chloride	ND	20.0							
LCS (2412068-BS1)							Prepared: 0	3/20/24 Anal	yzed: 03/20/24
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2412068-MS1)				Source:	E403173-	13	Prepared: 0	3/20/24 Anal	yzed: 03/21/24
Chlorida	1800	20.0	250	1470	132	80-120			M4

250

20.0

Source: E403173-13

144

80-120

1.74

1470

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

20

Chloride

QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060		Project Name: Project Number Project Manager	: 0	iser Near the 0 1058-0007 than Sessums	Cotton Dra	Reported: 3/25/2024 5:11:17PM				
		Anions	by EPA	300.0/9056	4				Analyst: DT	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2412069-BLK1)							Prepared: 0	3/20/24 A	nalyzed: 03/21/24	
Chloride	ND	20.0								
LCS (2412069-BS1)							Prepared: 0	3/20/24 A	nalyzed: 03/21/24	
Chloride	250	20.0	250		100	90-110				
Matrix Spike (2412069-MS1)				Source:	E403183-	23	Prepared: 0	3/20/24 A	nalyzed: 03/21/24	
Chloride	256	20.0	250	ND	103	80-120				
Matrix Spike Dup (2412069-MSD1)				Source:	E403183-	23	Prepared: 0	3/20/24 A	nalyzed: 03/21/24	

250

20.0

80-120

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

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.





Relinquished by: (Signature)

Received by: (Signature)

Work Order No: E403173 Project No: 01058-0007

															_						Page4_	of6		
Project Manager:	Ethan Sessums	3			Bill to: (if	different)		Dale \	Vooda	all								Wo	rk Ord	ler C	Comments			
Company Name:	NTG Environme	ental			Company	Name:		Devor	1						Prog	ram: U	ST/PS1	r □PR	P Dr	rown	nfields RC [perfund		
Address:	209 W McKay S	St			Address:										State	of Pro	ject:					500		
City, State ZIP:	Carlsbad, NM 8	88220			City, Stat	e ZIP:									Repo	rting:Le	evel II	Level	III 🗆]ST/	UST RRP	Level IV		
Phone:	432-701-2159			Emai	l: esessur	ns@ntgl	obal.con	n							Delive	erables	EDD		ΑI	DaPT	T Other:			
Project Name:	Riser Near the	Cotton Drav	v Unit 13-18	Tui	n Around							AN	IALYS	SIS RE	QUEST	-					Preservativ	re Codes		
Project Number:		248489		✓ Routine	Rush	1	Pres. Code														None: NO	DI Water: H ₂ O		
Project Location	Lea Co	unty New Me	exico	Due Date:						^										\neg	Cool: Cool N	MeOH: Me		
Sampler's Name:		Kenny Han		TAT starts the	e day receive	ed by the			RO)	300,0										- 1		HNO ₃ : HN		
PO #:		21308860		lab, if rec	eived by 4:3	0pm	ç,		TPH 8015M (GRO + DRO + MRO)	ğ										- 1	99 Bu 190	NaOH: Na		
SAMPLE RECE	IPT Tem	p Blank:	Yes (No)	Wet Ice:	Yes) No	ameters	æ	ORO	8				- 1							H ₃ PO ₄ : HP			
Received Intact:	Ye	s) No	Thermomete	er ID:			ram	8021B	+ 0	Chloride 4500										- 1	NaHSO ₄ : NABIS			
Cooler Custody Seal	ls: Yes	No (N/A)	Correction F	actor:			Pa Pa	втех	GR	lorid										НОГР	Na ₂ S ₂ O ₃ ; NaSO ₃			
Sample Custody Sea	als: Yes	No (N/A)	Temperature	e Reading:	4	c		<u> </u>	5M (5											Zn Acetate+NaOH:	: Zn		
Total Containers:		60	Corrected T	emperature:					801					- 1							NaOH+Ascorbic A	cid: SAPC		
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		ТРН												Sample Comments			
S-6	2-2.5	3/14/2024	1:30	X		Grab	1	Х	Х	Х										\neg	1			
S-6	3-3.5	3/14/2024	1:34	Х		Grab	1	Х	Х	Х											2			
S-6	4-4.5	3/14/2024	1:38	Х		Grab	1	Х	Х	Х									\neg	\neg	3			
S-7	0-6"	3/14/2024	1:42	Х		Grab	1	Х	Х	Х											ŭ	4/0		
S-7	1-1.5	3/14/2024	1:46	Х		Grab	1	Х	Х	Х										\neg	5			
S-7	2-2.5	3/14/2024	1:50	Х		Grab	1	Х	Х	Х									_	\neg	9			
S-7	3-3.5	3/14/2024	1:54	Х		Grab	1	Х	Х	Х										\dashv	7			
S-7	4-4.5	3/14/2024	1:58	Х		Grab	1	X	Х	Х									_	\dashv	8			
S-8	0-6"	3/14/2024	2:02	Х		Grab	1	Х	Х	Х										\neg	9			
S-8	1-1.5	3/14/2024	2:06	Х		Grab	1	Х	Х	Х				_					_	\neg	10			
Additi	onal Comments		es constitutes a	valid purchase or	der from clier	nt company	to Xenco,	its affilia	tes and	l subcoi	tractors.	It assigns	standa	rd terms	and cond	litions						1		
of service. Xenco will be of Xenco. A minimum ch	liable only for the cos	st of samples and	shall not assum	e any responsibili	ty for any los	ses or expe	enses incur	red by th	ne clien	t if such	losses are	due to d	ircumst	ances be	yond the	control								

Date/Time

Relinquished by: (Signature)

Date/Time

Page 45 of 51

Received by: (Signature)

Chain of Custody



-		Gridin or Gustody	
	NTG		Work Order No: E 403177 Project No: 01058-00
The same of	ENVIRONMENTAL		

																				Page5	of6
Project Manager:	Ethan	Sessums	3			Bill to: (if o	different)		Dale	Wooda	all						Wor	rk Orc	der C	Comments	
Company Name:	NTG	Environme	ental			Company	Name:		Devo	n				P	rogram	UST/P	ST PR	P []	rown	fields RC	perfund
Address:	209 V	V McKay S	it			Address:	C MAN			101				s	tate of F	roject:	=				
City, State ZIP:	Carls	oad, NM 8	8220			City, Stat	e ZIP:							7 _R	eporting	:Level II	Level	III []st/	UST RRP	Level IV
Phone:	432-7	01-2159			Email	esessun	ns@ntgl	obal.con	n] [eliverab	les: ED	D 🗆	Al	DaPT	Other:	
Project Name:	Rise	r Near the	Cotton Draw CTB	Unit 13-18	Tur	n Around						ANA	LYSIS	REQU	EST					Preservative	Codes
Project Number:			248489		✓ Routine	Rush	١	Pres. Code		100										None: NO DI	I Water: H ₂ O
Project Location		Lea Co	unty New Me	xico	Due Date:															Cool: Cool Me	eOH: Me
Sampler's Name:		K	Kenny Han		TAT starts the					MRO)										HCL: HC H	NO ₃ : HN
PO #:			21308860		lab, if reco	eived by 4:3	0pm	S.	1	+										H ₂ S0 ₄ : H ₂ Na	aOH: Na
SAMPLE RECE	IPT		p Blank:	Yes (No)	Wet Ice:	Yes	No	Parameters	6	+ DRO	200									H ₃ PO ₄ : HP	
Received Intact:		(Yes		Thermomete	er ID:			arar	BTEX 8021B	o to	Chloride 4500								НОГР	NaHSO ₄ : NABIS	
Cooler Custody Seal			No (N/A)	Correction F		L	0-	0	Ĭ	(GF	lori				- 1				¥	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Sea	als:	Yes		Temperature		4	C		"	8015M (GRO	ō									Zn Acetate+NaOH: 2	Zn
Total Containers:			60	Corrected Te	emperature:					80										NaOH+Ascorbic Acid	id: SAPC
Sample Identification	Dept	h (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH										Sample Com	nments
S-8	2	2-2.5	3/14/2024	2:10	Х		Grab	1	Х	X	Х									11	
S-8		3-3.5	3/14/2024	2:14	Х		Grab	1	Х	Х	Х									12	
S-8	4	4-4.5	3/14/2024	2:18	Х		Grab	1	Х	Х	Х								_	13	
S-9		0-6"	3/14/2024	2:22	Х		Grab	1	Х	Х	Х									14	
S-9		1-1.5	3/14/2024	2:26	Х		Grab	1	Х	X	Х									IS	
S-9	2	2-2.5	3/14/2024	2:30	Х		Grab	1	X	X	Х									10	
S-9		3-3.5	3/14/2024	2:34	Х		Grab	1	Х	Х	Х								_	17	
S-9	4	1-4.5	3/14/2024	2:38	Х		Grab	1	X	X	Х									18	
H-1		0-6"	3/14/2024	2:42	Х		Grab	1	Х	Х	Х									19	
H-1		0-6"	3/14/2024	2:46	Х		Grab	1	Х	Х	Х									20	
Additi	onal C	omments	:																	- 44	

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 0/6	Mochelle Camb	3-15-24 1030	Michelle Key	. L.M.	3.15.24 1700
3 L. Colo	8		4		
5			6		

Address: 209 W No. City, State ZIP: Carlsba 432-701	Near the Cotton Drav	v Unit 13-18	Email	Company Address: City, State			Devor	1					Progra	m· IIST/DS	T PRP	rowi	nfields RC perfund					
City, State ZIP: Carlsba Phone: 432-701 Riser N Project Name:	nd, NM 88220 1-2159 Near the Cotton Drav CTB	v Unit 13-18	Email	City, State	e ZIP:								ILIONIS									
Phone: 432-701 Riser N Project Name:	1-2159 Near the Cotton Drav CTB	v Unit 13-18	Email		e ZIP:									f Project:		······································						
Project Name:	Near the Cotton Drav	v Unit 13-18	Email	esessun	100 000								Report	ng:Level II	Level III	□st.	/UST RRP Level IV					
Project Name:	СТВ	v Unit 13-18			ns@ntgle	bal.con	<u>n</u>						Deliver	ables: EDD		ADaP	T Other:					
Project Number:			Tur	n Around							ANAL	YSIS RE	QUEST				Preservative Codes					
	248489		✓ Routine	Rush	i.	Pres. Code											None: NO DI Water: H ₂ O					
Project Location	Lea County New M	exico	Due Date:	1 -					0								Cool: Cool MeOH: Me					
Sampler's Name:	Kenny Han 21308860		TAT starts the lab, if rece	day receive eived by 4:3		S		8015M (GRO + DRO + MRO)	380.								HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	Yes	No	Parameters	a	DRO	4500								H ₃ PO ₄ : HP					
Received Intact:	(Yes) No	Thermomete	r ID:			aran	BTEX 8021B	+	9 H	- 1						HOLD	NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes No (N/A)	Correction Fa	actor:		~	ď	TEX	(GR	Chloride							일 모	Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes No N/A	Temperature		4	೦		m	15M	ਹ				1 1				Zn Acetate+NaOH: Zn					
otal Containers:	60	Corrected Te	mperature:					- 80 - 1									NaOH+Ascorbic Acid: SAPC					
Sample Identification Depth ((ft bgs) Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH									Sample Comments					
H-3 0-	6" 3/14/2024	2:50	Х		Grab	1	Х	Х	Х								21					
H-4 0-	6" 3/14/2024	2:54	Х		Grab	1	Х	Х	Х								22					
H-5 0-	6" 3/14/2024	2:58	Х		Grab	1	Х	X	Х								23					
H-6 0-	6" 3/14/2024	3:02	Х		Grab	1	Х	X	Х								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	Х		Grab	1	Х	X	Х								26					
H-9 0-	6" 3/14/2024	3:14	Х		Grab	1	Х	X	X								27					
H-10 0-	6" 3/14/2024	3:18	Х		Grab	1	Х	Х	Х								28					
H-11 0-	6" 3/14/2024	3:22	Х		Grab	1	Х	Х	Х								29					
H-12 0-	6" 3/14/2024	3:26	Х		Grab	1	Х	X	Х								30					
Additional Cor	mments:														- 7							

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

3.15.24 1/00

4

3.15.24 0/030

6

Page 47 of 51

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

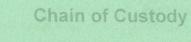
Instructions: Please take note of any NO checkmarks.

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 I	D: 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)	,	
	Custody (COC)					
	ne sample ID match the COC?	d d GOO	Yes			
	ne number of samples per sampling site location mat	cn the COC	Yes			
	amples dropped off by client or carrier?	. 1 1 0	Yes	Carrier: <u>C</u>	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes			
5. were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic	•	Yes	_	<u>Comn</u>	nents/Resolution
Sample T	Curn Around Time (TAT)				n tantar a	
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project Riser Near th	
Sample (<u>Cooler</u>				13-18 CTB has been	separated into
	sample cooler received?		Yes		multiple workorders	due to high sample
8. If yes,	was cooler received in good condition?		Yes		volume. WO are as f	follows: E403172.
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		E403173. Sample E4	· · · · · · · · · · · · · · · · · · ·
10. Were	custody/security seals present?		No		•	
11. If yes	, were custody/security seals intact?		NA		duplicated on COC b	•
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes		sample jar reads H-2	0-6
	Container		_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	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 n	on-VOC samples collected in the correct containers?	•	Yes			
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes			
Field Lal	<u>oel</u>					
	field sample labels filled out with the minimum info	rmation:				
	ample ID?		Yes			
	ate/Time Collected? ollectors name?		Yes	•		
_	reservation		Yes			
	the COC or field labels indicate the samples were pr	eserved?	No			
	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	etals?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multiphase	se?	No			
	, does the COC specify which phase(s) is to be analy		NA			
		200.	INA			
	ract Laboratory		No			
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	-	NO NA	Subcontract Lab	NI A	
		so who:	INA	Subcontract Lab	, NA	
Client Ir	<u>nstruction</u>					

Date

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





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: State of Project: Work Order Comments Program: UST/PST PRP rownfields RC perfund State of Project:																							Page	4 of6_	
Address 209 W McKay St Address City, State ZIP Carlsbad, NM 88220 City, State ZIP City State ZiP ZiP City State ZiP ZiP City S	Project Manager:	Ethan Sessums	S			Bill to: (if	different)		Dale V	Nooda	ıll	M					233			Wo	ork O	rder C			
State Project Address Addres	Company Name:	NTG Environm	ental			Company	Name:		Devor	1							Progra	ım: U	ST/PS					Diperfund D	
Project Name	Address:	209 W McKay	St			Address:			1500				NEL A				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
Project Name. Riser Near the Cotton Draw Unit 13-18 CTB	City, State ZIP:	Carlsbad, NM 8	38220			City, Stat	e ZIP:				1		E CO				Report	ing:Le	evel II	Leve	el III	□st/	UST RRP	Level IV	
Project Name	Phone:	432-701-2159			Email:	esessur	ns@ntgl	obal.con	1								Delive	ables	EDD			ADaPT	□ Other		
None, NO Di Water H,O		Riser Near the	СТВ	/ Unit 13-18	100000			Pres.						ANAL	YSIS	REC	QUEST						Preserva	ative Codes	
Sampler's Name: Kenny Han TAT starts the day received by the lab. If received by 4.30pm PD # 21308860					✓ Routine	Rust	ı													1998			None: NO	DI Water: H ₂ O	
Received Intact		THE RESERVE OF THE PARTY OF THE		exico	Except The Control of					6	0												Cool: Cool	MeOH: Me	
Received Intact										MRC	8														
Sample Custody Seals: Yes No Ni	SAMPLE RECEI	PT Tem		Yes No	Wet Ice:	Yes	No	eters	В	ORO +	w													NaOH, Na	
Sample Custody Seals: Yes No Ni	Received Intact:	(Ye	No No		r ID:			ram	3021	1+0	245			5 2 3								9		S	
Sample Identification Depth (ft bgs) Date Time Soil Water Grab/ Comp Cont E Water Grab/ Comp Cont Water Grab/ Cont Water W	Cooler Custody Seals	s: Yes	No N/A	Correction F	actor:			Ра	EX	GRO	orid						НОГ								
Sample Identification Depth (ft bgs) Date Time Soil Water Grab/ Comp Cont E Water Grab/ Comp Cont Water Grab/ Cont Water W		ils. Yes	No N/A	Temperature	Reading:	4	°C		TB	5M (H S												Zn Acetate+NaOH: Zn		
Sample Comments Sample Comments Sample Comments Sample Comments Sample Comments	Total Containers:		60	Corrected Te	emperature:					801													NaOH+Ascorb	c Acid SAPC	
S-6 3-3.5 3/14/2024 1:34 X Grab 1 X X X X S S S S S S S S S S S S S S S	THE RESERVE THE PARTY OF THE PA	Depth (ft bgs)	Date	Time	Soil	Water		The state of the s		TPH													Sample	Comments	
S-6	S-6	2-2.5	3/14/2024	1:30	X		Grab	1	X	X	X														
S-6	S-6	3-3.5	3/14/2024	1:34	X		Grab	1	X	X	X												2		
S-7	S-6	4-4.5	3/14/2024	1:38	X		Grab	1	X	X	X		line.								PRE				
S-7 1-1.5 3/14/2024 1:46 X Grab 1 X X X X	S-7	0-6"	3/14/2024	1:42	X		Grab	1	X	X	X								919						
S-7 2-2.5 3/14/2024 1:50 X Grab 1 X X X X Grab 1 X <td>S-7</td> <td>1-1.5</td> <td>3/14/2024</td> <td>1:46</td> <td>X</td> <td></td> <td>Grab</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td>1000</td> <td></td>	S-7	1-1.5	3/14/2024	1:46	X		Grab	1	X	X	X	1000													
S-7 3-3.5 3/14/2024 1:54 X Grab 1 X	S-7	2-2.5	3/14/2024	1:50	X		Grab	1	X	X	X														
S-7 4-4.5 3/14/2024 1:58 X Grab 1 X	S-7	3-3.5	3/14/2024	1:54	Х	12000	Grab	1	X	X	X			1000			1000								
S-8 0-6" 3/14/2024 2:02 X Grab 1 X X X X X Q S-8 1-1.5 3/14/2024 2:06 X Grab 1 X X X X IO Additional Comments:	S-7	4-4.5	3/14/2024	1:58	X		Grab	1	X	X	X		Male							THE WA		D. B.		STEEL STATE OF THE	
S-8 1-1.5 3/14/2024 2:06 X Grab 1 X X X X	S-8	0-6"	3/14/2024	2:02	Х		Grab	1	X	X	X			N/A					IOT.	1000		10 80			
	S-8	1-1.5	3/14/2024	2:06	X		Grab	1	X	X	X														

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 //	Midle Court	3-15-24 1030	Michele Cush	l.el.	3.15.24 1700
3 L. U.			4	De	3/19/24 0030
5			6		

Relinquished by: (Signature)

Received by: (Signature)

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																						Page 5	of6
Project Manager:	Ethan Sessum	S			Bill to: (if	different)		Dale \	Nooda	ill						900			V	Jork C	Order (Comments	
Company Name:	NTG Environm	ental			Company	Name:		Devor	1					NSW.		Prog	ram: l	IST/PS		American Maria		nfields RC	perfund
Address:	209 W McKay	St			Address:			in the			Hybrid.	NAME.				State					_,,,,,,,,	moldokrto	_jperiuliu _
City, State ZIP:	Carlsbad, NM	88220			City, Stat	e ZIP:										Repo	rting:L	evel II	Le	vel III	□st/	UST TRRP	Level IV
Phone:	432-701-2159			Email:	esessur	ns@ntgl	obal.con	1		NO.		T B				1		s: EDI			ADaP		
Project Name:	Riser Near the	СТВ	v Unit 13-18	Turr	n Around		Pres.						ANAL	YSIS	REQ	UEST						Preservati	ive Codes
Project Number:		248489		✓ Routine	Rusi	1	Code															None: NO	DI Water: H ₂ O
Project Location		ounty New Me	exico	Due Date:					-													Cool Cool	MeOH: Me
Sampler's Name: PO #:		21308860		TAT starts the	day receive				MRC														HNO ₃ ; HN
SAMPLE RECEI	PT Tor	np Blank:	Yes (No)	ALCOHOLD IN			ters		8015M (GRO + DRO + MRO)													H ₂ S0 ₄ : H ₂	NaOH: Na
Received Intact:	(Ye	A STATE OF THE PARTY OF THE PAR	Thermometer	Wet Ice:	Yes) No	Parameters	BTEX 8021B	+ DF	4500											0	H ₃ PO ₄ HP	
Cooler Custody Seals			Correction F				Par	8 X	SRO	Chloride											НОГР	NaHSO ₄ , NABIS Na ₂ S ₂ O ₅ , NaSO ₅	
Sample Custody Sea		No (N/A)	Temperature		-	OC.		BTE) W	Chic												Zn Acetate+NaOl	H: 7n
Total Containers:		60	Corrected To	emperature:					8015													NaOH+Ascorbic	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH													Sample Co	omments
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			409			The same						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	Х		Grab	1	X	X	X			le la c			1000		No.				14	MARKET STATE
S-9	1-1.5	3/14/2024	2:26	X		Grab	1	X	X	X					0.08	Maria						is	
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	Х	0,73,773,11	Grab	1	X	X	X			Selve I					400				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	Х		Grab	1	X	X	X												19	
#+H-2	0-6"	3/14/2024	2:46	X		Grab	1	X	X	X			No.									20	
Committee of the control of	onal Comment																						
Notice: Signature of this of of service. Xenco will be of Xenco. A minimum cha	liable only for the co	st of samples and	shall not assum	e any responsibilit	v for any los	ses or exp	enses incur	red by t	ne clien	t if such	losses a	re due t	to circu	mstance	erms a	nd cond	litions						

Date/Time

1030

Relinquished by: (Signature)

Michele

Date/Time

Received by: (Signature)

Received by OCD: 6/24/2024 1:54:46 PM



Chain of Custody

Work Order No: E403173 Project No: 01058-0007

																					Page 6	of6
Project Manager:	Ethan Sessums				Bill to: (if	different)		Dale	Wooda	all					70,000	N. F.		W	ork O	rder (Comments	
Company Name:	NTG Environme	ental			Company	Name:		Devoi	n	1			district in		Progr	am: U	ST/PS	T P			nfields RC	perfund
Address:	209 W McKay S	St			Address:								BKIRK			of Pro						
City, State ZIP:	Carlsbad, NM 8	8220			City, Stat	e ZIP:					Parley	19997			Repoi	ting:Le	evel II	Leve	el III	□st/	UST TRRP	□Level IV □
Phone:	432-701-2159			Email:	esessur	ns@ntql	lobal.con	1		N N					- 4	rables				ADaPT		
Project Name:	Riser Near the	Cotton Draw	Unit 13-18		n Around							ANA	LYSIS	REQ							Preservati	ive Codes
Project Number:		248489		Routine	Rust	1	Pres. Code														None: NO	DI Water: H ₂ O
Project Location	Lea Co	unty New Me	xico	Due Date:						0										9	Cool Cool	MeOH: Me
Sampler's Name:	+	Kenny Han		TAT starts the					RO)												And the second s	HNO ₃ : HN
PO #:		21308860		lab, if rece	eived by 4:3	0pm	2		TPH 8015M (GRO + DRO + MRO)	38											H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEI		p Blank:	Yes (No	Wet Ice:	Yes) No	Parameters	<u>a</u>	DRC	#508											H ₂ PO ₄ HP	
Received Intact:	Ye	1	Thermomete	er ID:			aran	BTEX 8021B	+ 0	de 4										ногр	NaHSO NABIS	
Cooler Custody Seal			Correction F	actor:		nn	ď.	TEX	GR	Chloride										유	Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Sea Total Containers:	ALLOCAL DISCONDENSION OF THE PARTY OF THE PA		Temperature		4	°C			15M	Ö											Zn Acetate+NaOl	H: Zn
		60	Corrected Te	emperature:					Н 80												NaOH+Ascorbic	Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TP												Sample Co	omments
H-3	0-6"	3/14/2024	2:50	X		Grab	1	X	X	X					RUN			May			21	RECEIPTED IN
H-4	0-6"	3/14/2024	2:54	X		Grab	1	X	X	X				UAY		No. of the last					22	
H-5	0-6"	3/14/2024	2:58	X		Grab	1	X	X	X								DIAS.			23	
H-6	0-6"	3/14/2024	3:02	X	g.0 - 103	Grab	1	X	X	X											24	NAME OF TAXABLE PARTY.
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											260	SECTION AND ADDRESS.
H-9	0-6"	3/14/2024	3:14	X		Grab	1	X	X	X		A REAL									27	
H-10	0-6"	3/14/2024	3:18	X		Grab	1	X	X	X						100%				10.76	28	
H-11	0-6"	3/14/2024	3:22	X		Grab	1	X	Х	X	160 07									70	29	
H-12	0-6"	3/14/2024	3:26	X		Grab	1	X	X	X					E AN			BIN.			30	
Additio	onal Comments	:																				
Notice: Signature of this of service. Xenco will be of Xenco. A minimum ch	liable only for the cos	t of samples and :	shall not assume	e any responsibility	for any los	eas or avno	aneae inque	end but th	ha allan	t if anals	Income and d											
Relinquished by	AND DESCRIPTION OF THE PARTY OF		ALL DESCRIPTION OF THE PARTY OF	by: (Signatur				Date/T	/ Com/ 100			uished					Rece	ived b	ov: (Si	ignatu	ire) [Date/Time

1030

Michae

Michille



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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keine

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



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



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: Sample Received By: Tamara Oldaker 248489

Project Location: DEVON- LEA CO, NM

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

BTEX 8021B	mg,	/kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

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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: Sample Received By: 248489 Tamara Oldaker

Project Location: DEVON- LEA CO, NM

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

BTEX 8021B	mg,	'kg	Analyze	d 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 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.7	% 49.1-14	8						

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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 Sample Received By: Tamara Oldaker Project Number: 248489

Project Location: DEVON- LEA CO, NM

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

BTEX 8021B	mg,	'kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

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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 Sample Received By: Project Number: 248489 Tamara Oldaker

Project Location: DEVON- LEA CO, NM

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.8	% 49.1-14	8						

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	67.8	% 49.1-14	8						

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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 Sample Received By: Project Number: 248489 Tamara Oldaker

Project Location: DEVON- LEA CO, NM

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

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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 Sample Received By: Project Number: 248489 Tamara Oldaker

Project Location: DEVON- LEA CO, NM

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

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.6	% 49.1-14	8						

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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 6' (H241695-09)

BTEX 8021B	mg,	'kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.4	% 49.1-14	8						

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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: Sample Received By: 248489 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 9	% 71.5-13	4						
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.0	% 49.1-14	8						

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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: Sample Received By: 248489 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 9	% 71.5-13	4						
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	62.9	% 49.1-14	8						

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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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories	IN-OF-CUSTODY AND ANALYSIS REQUEST							
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476								
Company Name: NT6F	DUI TO		ř					
Project Manager: Ethan Sessums	BILL TO P.O. #:	ANALYSIS REQUEST						
Address: 209 W McKay Street			\dashv					
City: Carlsbad State: NM zip: 88770	Company: Devon		-					
Phone #: Fax #:	Attn:							
Project #: 248489 Project Owner:	Address:		-					
Project Name: Devon Riser CTD 13-18 CTB	City:							
Project Location: Lea Co New Mexico	State: Zip:							
Sampler Name: Clayton Tumas	Phone #:							
FOR LAB USE ONLY MATRIX	Fax #: PRESERV SAMPLING		1					
₫	PRESERV. SAMPLING							
CO)OMP.	12/2/2011		1					
Lab I.D. Sample I.D.		公主 13 15 15 15 15 15 15 15 15 15 15 15 15 15						
CONTAINERS SOIL SOIL SLUDGE	OTHER: ACID/BASE ICE / COOL OTHER: BUIL							
# CON # CON # CON # SOIL SOIL SOIL SCOIL SCOIL SCOIL SCOIL SCOIL SCOIL SLUDG	OTHER: OTHER: OTHER:		1					
61	4/2/24							
3 TP-1 6	1							
5 TP-2 4'								
/ T0.7 //								
7 TP-3			-					
8 TP-3 5'			-					
9 78-3 1			1					
10 TP-3 7'			-					
SE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract of e. In no event shall Cardinal be liable for incidental or excess whatsoever shall be deemed waived unless made in writing and	r fort shall be limited to a		1					
es or successors arisinfly out of the related to the sequential damages, including without limitation, business interruptions, lo	received by Cardinal within 30 days after completion of the assortion of t	pplicable	1					
inquished By: Date: Received By:	based upon any of the above stated reasons or otherwise. Verbal Resu							
Time: 12.17 Mulliph	All Results an	t:	1					
profushed By: Date: Received By:	XIAUROK							
Time:	REMARKS:							
ivered By: (Circle One)								
Sample Condition		me: Standard 🖾 Bacteria (only) Sample Condition						
PORIVI-000 R 3.4 07/11/23 Corrected Temp. °C VYes Ves No No No	(Initials) Thermometer ID	Rush Cool Intact Observed Temp. °C						
		yes ☐ Yes ☐ Yes						

Page 15 of 15



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manager:	BILL TO	ANALYSIS PEGLIFOT
Address: 209 W Mc Kay Stroot	P.O. #:	ANALYSIS REQUEST
a Wickay Street	Company: Devon	1
Phone #	Attn:	1
Project # 0 2 1 1 07 //	Address:	
Project Owner:	City:	
CIDIS-IE CTR	State: Zip:	
THE STEEL O	Phone #:	
FOR LAB USE ONLY	Fax #:	
Tab I.D. Sample I.D. (C)OMP (C	PRESERV. SAMPLING OTHER OTHE	X TO
SER NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or to see. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss or successors arising, out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is being bate: Date: Date: Received By: Time:	of use, or loss of profits incurred by client, its subsidiaries, sed upon any of the above stated reasons or otherwise. Verbal Results and REMARKS: CHECKED BY: (Initials) Thermometer ID	t:



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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keine

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



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 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)

Reported:

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	% 71.5-13	4						
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	06/11/2024	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celey D. Keene



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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112	% 49.1-14	8						

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Celey D. Keine



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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117	% 49.1-14	8						

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Celey D. Keene



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

Applyzod By: 14

Project Location: DEVON- LEA CO, NM

ma/ka

Sample ID: CS - 6 (H243352-06)

RTFY 8021R

Result <0.050 <0.050	Reporting Limit	Analyzed 06/12/2024	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050		06/12/2024						Quantita
			ND	2.03	102	2.00	2.43	
	0.050	06/12/2024	ND	2.03	101	2.00	4.11	
< 0.050	0.050	06/12/2024	ND	2.09	104	2.00	5.99	
<0.150	0.150	06/12/2024	ND	6.08	101	6.00	6.26	
<0.300	0.300	06/12/2024	ND					
89.3	% 71.5-13	4						
mg,	'kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	06/12/2024	ND	400	100	400	3.92	
mg,	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39	
<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66	
<10.0	10.0	06/12/2024	ND					
101	% 48.2-13	4						
123	% 49.1-14	8						
	<0.150 <0.300 89.3 mg/ Result <16.0 mg/ Result <10.0 <10.0 <10.0	<0.150 0.150 <0.300 0.300 89.3 % 71.5-13 mg/ky Result Reporting Limit <16.0 16.0 mg/ky Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150

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Celey D. Keene



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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

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Celey D. Keene



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

Applyzod By: 14

Project Location: DEVON- LEA CO, NM

ma/ka

Sample ID: CS - 8 (H243352-08)

RTFY 8021R

	/кд	Allalyze	а ву: ЈН					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
<0.300	0.300	06/12/2024	ND					
89.0	% 71.5-13	4						
mg	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	06/12/2024	ND	400	100	400	3.92	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	06/12/2024	ND	194	97.0	200	1.39	
<10.0	10.0	06/12/2024	ND	189	94.4	200	1.66	
<10.0	10.0	06/12/2024	ND					
95.2	% 48.2-13	4						
_	Result <16.0 mg, Result <10.0 c <10.0	mg/kg Result Reporting Limit <16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0	mg/kg Analyzed Result Reporting Limit Analyzed <16.0	mg / w Analyzed By: AC Result Reporting Limit Analyzed Method Blank <16.0	mg / kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS <16.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery <16.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <16.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <16.0

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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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: Sampling Type: Soil 06/13/2024

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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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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: Sampling Type: Soil 06/13/2024

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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: CS - 12 (H243352-12)

BTEX 8021B

	9/	9	7						
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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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

Applyzod By: 14

Project Location: DEVON- LEA CO, NM

ma/ka

Sample ID: CS - 14 (H243352-14)

RTFY 8021R

B1EX 8021B	mg,	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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Celey D. Keine



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.3	% 49.1-14	8						

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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: Sampling Type: Soil 06/13/2024

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

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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: Sampling Type: Soil 06/13/2024

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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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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: Sampling Type: Soil 06/13/2024

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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: CS - 21 (H243352-21)

BTEX 8021B

DIEX GOZID	ıng,	, kg	Allulyzo	.u by. 511					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

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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

Applyzod By: 14

Project Location: DEVON- LEA CO, NM

ma/ka

Sample ID: CS - 22 (H243352-22)

RTFY 8021R

Result	Reporting Limit							
		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
< 0.050	0.050	06/12/2024	ND	2.15	108	2.00	6.10	
<0.050	0.050	06/12/2024	ND	2.10	105	2.00	6.11	
<0.050	0.050	06/12/2024	ND	2.12	106	2.00	6.18	
<0.150	0.150	06/12/2024	ND	6.15	103	6.00	6.30	
<0.300	0.300	06/12/2024	ND					
90.3	% 71.5-13	4						
mg,	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
16.0	16.0	06/12/2024	ND	432	108	400	3.64	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	06/12/2024	ND	198	99.2	200	2.15	
<10.0	10.0	06/12/2024	ND	194	97.2	200	2.69	
<10.0	10.0	06/12/2024	ND					
98.1	% 48.2-13	4						
98.1	% 49.1-14	8						
	<0.050 <0.050 <0.050 <0.150 <0.300 90.3 mg/ Result 16.0 mg/ Color = 10.0 <10.0 98.1	<0.050 <0.050 <0.050 <0.150 <0.300 0.300 90.3 % 71.5-13 mg/kg Result Reporting Limit 16.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0 <10.0 10.0 <10.0 10.0 <88.1 % 48.2-13	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050

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Analytical Results For:

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

mg/kg

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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

Sample ID: CS - 23 (H243352-23)

BTEX 8021B

	9/	9	7111411720						
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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Celey D. Keene



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: Sampling Type: Soil 06/13/2024

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	Analyze	d 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	% 71.5-13	4						
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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

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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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: CS - 26 (H243352-26)

BTEX 8021B

DIEX GOZID	11197	K9	Alldiyzo	.u by. 511					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.9	% 49.1-14	8						

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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

Applyzod By: 14

Project Location: DEVON- LEA CO, NM

ma/ka

Sample ID: CS - 27 (H243352-27)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: SW - 1 (H243352-28)

BTEX 8021B

	9,	9	7	7: 5::					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	% 49.1-14	8						

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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

Applyzod By: 14

Project Location: DEVON- LEA CO, NM

ma/ka

Sample ID: SW - 2 (H243352-29)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a 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	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 49.1-14	8						

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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

Applyzod By: 14

Project Location: DEVON- LEA CO, NM

ma/ka

Sample ID: SW - 3 (H243352-30)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
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	% 71.5-13	4						
Chloride, SM4500Cl-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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: SW - 4 (H243352-31)

BTEX 8021B

	9/	9	7	,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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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	Analyze	ed 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	% 71.5-13	4						
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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: SW - 6 (H243352-33)

BTEX 8021B

	9,	9	7	7: 5::					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	8						

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Celey D. Keine



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: Sampling Type: Soil 06/13/2024

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: SW - 8 (H243352-35)

BTEX 8021B

	9/	9	7						
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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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)

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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.5	% 49.1-14	8						

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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 - 10 (H243352-37)

BTEX 8021B	mg,	'kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: SW - 11 (H243352-38)

BTEX 8021B

DILX GOZID	11197	K9	Andryzo	.u by. 511					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

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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: Sampling Type: Soil 06/13/2024

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d 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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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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	Analyze	ed 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

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

mg/kg

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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

Sample ID: SW - 14 (H243352-41)

BTEX 8021B

	9,	9	7	7: :					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Celey D. Keine



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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: SW - 15 (H243352-42)

BTEX 8021B

	9,	9	7	7: :					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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Celey D. Keene



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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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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 - 17 (H243352-44)

BTEX 8021B	mg,	/kg	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: SW - 18 (H243352-45)

BTEX 8021B

	9/	9	7	,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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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

Analyzed By: JH

Project Location: DEVON- LEA CO, NM

mg/kg

Sample ID: SW - 19 (H243352-46)

BTEX 8021B

	9/	9	7	,					
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	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed 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	Analyze	ed 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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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: Sampling Type: Soil 06/13/2024

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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d 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	Analyze	d 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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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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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Chain of Custody

Work

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Project Number:		248489		Routine	R Arour		Pres.					AN	ALYSI	SRE	QUEST						D		
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CS-2		6/11/2024		X	_	Comp	1	X	X	X						+	+	+	+	-	1		
CS-3		6/11/2024		X		Comp	1	X	X	Х						+	+	+	+	\rightarrow	1		
CS-4		6/11/2024		X		Comp	1	X	X	X						+	+	+	+	\rightarrow	2		
CS-5		6/11/2024		X		Comp	1	X	X	X						+	+	+	+	-	3		
CS-6		6/11/2024		X		Comp	1	Х	X	Х						+	+	+	+	\rightarrow	7		
CS-7		6/11/2024		X		Comp	1	X	X	Х						+	+	+	+	+	,		
CS-8		6/11/2024		X		Comp	1	Х	X	Х						+	+	+	+	+	4		
CS-9		6/11/2024				Comp	1	X	X	X							+	+	+	-	6		
CS-10		6/11/2024		X		Comp	1	X	Χ	X						+	+	+	+	-	9		
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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.

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Chain of Custody

Project Manager:	Ethan	Sessur	ns			Rill to	(if different)															Page :	2 of
Company Name:	NTG	Environr	mental				any Name			le Wo	odall									Work	Order	r Comments	
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Project Name:	Riser	Near th	e Cotton Dra	w Unit 13-18	3	ırn Aroun	sums@nto	llobal.co	<u>om</u>									rables: I				PT Other:	
Project Number:			248489		Routine	✓ Ri		Pres.		_	_			ANAL	LYSIS	REC	UEST					Preservat	ivo Codes
roject Location ampler's Name:			ounty New M Kenny Han	exico	Due Date:	e day rece	I8HR	Code		(0)		+							-		F	None: NO	DI Water: H
SAMPLE RECEI eceived Intact:	21308860 CEIPT Temp Blank: Yes No Thermome Yes No N/A Correction	Yes No	Wet Ice:		s) No	Parameters	218	DRO + MF	200											1	HNO ₃ : HN NaOH: Na		
ooler Custody Seals ample Custody Sea otal Containers:		Yes	No (N/A)	Correction F Temperature Corrected Te	actor:		10 0 c	Para	BTEX 8021B	8015M (GRO + DRO + MRO)	Chloride 4500										HOLD	H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Identification	Depth ((ft bgs)	Date	Time	Soil	Water	Grab/	# of Cont		TPH 801												Zn Acetate+NaOH NaOH+Ascorbic A	Acid: SAPC
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CS-13			6/11/2024		Х		Comp	1	Х	X	X		\vdash	\rightarrow	-	_	_		_			11	
CS-14			6/11/2024		X		Comp	1	Х	X	X		-	\rightarrow	\dashv	\rightarrow	_		_			12	
CS-15			6/11/2024		X		Comp	1	Х	X	X			+	\rightarrow	-	_		_			13	
CS-16		-	6/11/2024		Χ		Comp	1	Х	X	X		-	+	\dashv	\dashv	_					14	
CS-17		-	6/11/2024		Х		Comp	1	Х	X	X		-	+	+	\rightarrow						15	
CS-18		_	6/11/2024		Х		Comp	1	Х	Х	X		+	+	+	+	_	_				14	
CS-19			6/11/2024		Х		Comp	1	X	Х	X		+	+	+	\dashv	-	_				111	
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Addition	al Com	ments:																				30	

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Project Manager:	Ethan Ses				Bill to	(if different)		_	le ter	-1.5									Page3	of
Company Name:	NTG Envir	ronmental			200000	S. C. Carlon Street		200	ile Wo	odall							Work	Order	Comments	
Address:	209 W Mc	Kay St			W/301917 1 1019	any Name	9:	De	von						Progran	n: UST/P	ST PRP	Trov		
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Project Location	l es	County New M	lauda -	Routine	✓ Ru	ısh	Pres. Code						T	T		T		T	Preservativ	
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otal Containers:		47	Corrected Te		01	UE		1 "	15M	0									Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn	
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CS-22		6/11/2024		Х		Comp	1	X	X	+	_	_	\perp						21	
CS-23		6/11/2024		Х		Comp	1	X	X	X	_	_	\perp						22	
CS-24		6/11/2024		Х		Comp	1	X	X	X	_		\sqcup						23	
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CS-26		6/11/2024		Х		Comp	1	X	X	X			\sqcup						25	
CS-27		6/11/2024		Х		Comp	1	X	-	X		-							26	
SW-1		6/11/2024		Х		Comp	1	X	X	X									27	
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Company Name	Ethan Sessu				Bill to:	(if different)		Da	le Wo	llehr					31 F1 37	1985				Page	_4 of
Company Name:	NTG Enviror				400000000000000000000000000000000000000	any Name			von	Juan			-							Comments	
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Project Location	Lea (County New M	lexico	Due Date:			Code	-	+	+										None: NO	
Sampler's Name:		Kenny Han	- CATOO			BHR			1 =												DI Water: H
PO #:		21308860		TAT starts the lab, if rec	e day receively 4:	ved by the 30pm			MRO)											Cool: Cool HCL: HC	MeOH: Me
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Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/	# of Cont		TPH 8											NaOH+Ascorbic	
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Project Manager	Ethan	Sessu	ıms			D'II t														10:Ha43	
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City, State ZIP:	Carlsb	ad, NN	1 88220			Addre									State	of Proje	ct:	PKP [rov	vnfields RC	perfund
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SW-18			6/11/2024		X		Comp	1	Х	Х	Х						+	_	+	43	
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<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 357016

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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	
Please answer all the questions in this group.	
Site Name	DEVON RISER NEAR THE COTTON DRAW UNIT 13-18 CTB
Date Release Discovered	03/04/2024
Surface Owner	Federal

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

lature and Volume of Release	
aterial(s) released, please answer all that apply below. Any calculations or specific justifications	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: 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 CTE 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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1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 <u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 357016

Phone:(505) 476-3470 Fax:(505) 476-3462	
QUESTI	ONS (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.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or

Name: Dale Woodall Title: EHS Professional

Date: 06/24/2024

Email: Dale.Woodall@dvn.com

I hereby agree and sign off to the above statement

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 357016

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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 app	ly 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 a	pproval with this submission	Yes
Attach a comprehensive report demonstra	ating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical exter	nts of contamination been fully delineated	Yes
Was this release entirely contained	ed within a lined containment area	No
Soil Contamination Sampling: (Pro-	vide the highest observable value for each, in mil	ligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI 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
	unless the site characterization report includes completed for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the r	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 rer	mediation 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 are	ea (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 measurement	s 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 reme	diation measures may have to be minimally adjusted in a	ccordance 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.

District I

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1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462 State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 357016

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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.)	
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:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	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

District I

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Action 357016

QUESTIONS (continued)

Operator:	OGRID:
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Oklahoma City, OK 73102	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	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	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.

Name: Dale Woodall
Title: EHS Professional
Email: Dale.Woodall@dvn.com
Date: 06/24/2024

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Action 357016

QUESTIONS (continued)

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	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 357016

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
nvelez	None	8/16/2024