•

THISTLE UNIT 71 H

2/4/2024

OCD INCIDENT # nAPP2403629407

<u>Spi</u>	Spill Volume(Bbls) Calculator								
In	puts in blue,	, Outputs in red							
Contaminated Soil measurement									
Area (squa	are feet)	Depth(inches)							
<u>967</u>	<u>71</u>	0.125							
Cubic Feet of S	oil Impacted	<u>100.740</u>							
Barrels of So	il Impacted	<u>17.96</u>							
Soil T	ype	Clay/Sand							
Barrels of Oi 100% Sat	-	<u>2.69</u>							
Saturation	Fluid pres	sent with shovel/backhoe							
Estimated Ba Relea		2.69							
	Free Standi	ng Fluid Only							
Area (squa	are feet)	Depth(inches)							
<u>521</u>	<u>16</u>	<u>0.250</u>							
Standin	g fluid	<u>19.370</u>							
<u>Total fluid</u>	ls spilled	<u>22.064</u>							



March 26, 2024

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

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 Thistle Unit #071H Unit A, Section 27, Township 23S, Range 33E Site Coordinates: 32.28238002, -103.5537 Lea County, New Mexico Incident ID: nAPP2403629407

# **Introduction**

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Remediation Closure Request Report for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for the release number: nAPP2403629407 - Thistle Unit #071H (Site). The Site is in Unit Letter A, Section 27, of Township 23 South and Range 33 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.28238002° N latitude and 103.5537° 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 February 4<sup>th</sup>, 2024, and was due to an equipment failure. Upon discovery, the Site was shut-in and repairs ensued. The spill resulted in a release of approximately twenty-two (22) barrels (bbls) of crude oil of which ten (10) bbls were recovered for an approximate net loss of twelve (12) bbls of crude oil. The release area is shown in Figure 3.

# **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 source within a <sup>1</sup>/<sub>2</sub>-mile radius of the location.

Creating a Better Environment For Oil & Gas Operations Mr. Mike Bratcher March 26, 2024 Page 2 of 3

No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are attached to this report.

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)				
Low Karst	Unknown				

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	GRO+DRO	BTEX	Benzene
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Notes:		· · · · · ·			
= not defined					

# Site Assessment

On February 6<sup>th</sup>, 2024, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Six (6) vertical sample points (V-1 through V-6) were installed withing the release area, while nine (9) horizontal sample points (H-1 through H-9) were installed adjacent to the release area in order to characterize the impacts. Soil samples were collected at half-foot (0.5) to one (1) foot (ft) intervals from depths ranging from 0 to 4.5 feet below ground surface (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 on Figure 3.

Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, NM for analysis of TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B).

The analytical results indicated that Chloride, TPH, Benzene, and BTEX concentrations exceeded the NMOCD regulatory limits in the areas of V-1 through V-6 at various depths ranging from surface to three and a half (3.5) ft bgs.

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

NTGE Project No.: 248363



Mr. Mike Bratcher March 26, 2024 Page 3 of 3

# **Remedial Action Activities and Confirmation Sampling**

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above regulatory limits. The area of V-1 was excavated to a depth of 3 ft. bgs,V-2 and V-3 were excavated to 4 ft. bgs,V-4 was excavated to 1 ft. bgs, and the areas of V-5 and V-6 were excavated to 2 ft bgs.

On March 22<sup>nd</sup>, 2024, NTGE was on site to conduct a confirmation sampling event. A total of thirty-six (36) composite confirmation samples were collected from the excavation base (CS-1 through CS-36) and twelve (12) composite confirmation samples were collected from the excavation sidewalls (SW-1 through SW-12) to ensure impacted soil was removed.

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to the lab. Soil samples were collected and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Confirmation samples were taken with a five (5) point composite sample and represent an area no greater than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified and chloride by SM4500 Cl-B.

Analytical results showed that all samples were below NMOCD regulatory criterion for the Site, therefore indicating that all impacted soils have been removed from the site. Complete analytical results for all confirmation samples are presented in Table 2 and the final excavation map with confirmation sample locations is shown in Figure 4.

# **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. A copy of the final C- 141 is attached, and Devon formally requests a no further action designation for the Site. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely, NTG Environmental

Ethan Sessums Project Manager

NTGE Project No.: 248363



Mr. Mike Bratcher March 26, 2024 Page 4 of 4

Attachments:

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

.

NTGE Project No.: 248363

# SITE CHARACTERIZATION INFORMATION

# **NMOCD Closure Criteria**

Thistle Unit #071H								
Site Information (19.15.29.11.A (2,3, & 4) NMAC)	Source/Notes							
Depth to Groundwater ( ft bgs)	N/A	Office of the State Engineer (OSE)						
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)						
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	National Wetlands Inventory (NWS)						

Closure Criteria (19.1	5.29.12.B(4) a	nd Table 1 NM	AC)					
Donth to Croundwater (5)			Clos	sure Criteria (mg	g/kg)			
Depth to Groundwater (ft)		Chloride*	TPH	GRO + DRO	BTEX	Benzene		
< 50	Х	600	100		50	10		
51 - 100		10,000	2,500	1,000	50	10		
>100		20,000	2,500	1,000	50	10		
Surface Water	Yes/No		in yes, then					
<300 ft from a continuously flowing watercourse or other significant watercourse?	No							
<200 ft from a lakebed, sinkhole, or playa lake?	No							
Water Well or Water Source	-							
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No							
<1,000 ft from a fresh water well or spring?	No							
Human and Other Area	•	600	100		50	10		
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No							
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No							
<100 ft from a wetland?	No							
Within an area overlying a subsurface mine?	No							
Within and unstable area?	No							
Within a 100 yr floodplain?	No							

\* - numerical limit or background, whichever is greater

# U.S. Fish and Wildlife Service National Wetlands Inventory

# Wetlands Map



# February 12, 2024

## Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- **Freshwater Pond**

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

Released to Imaging: 5/10/2024 2:02:14 PM

National Wetlands Inventory (NWI) This page was produced by the NWI mapper

# Received by OCD: 3/28/2024 6:46:06 AM National Flood Hazard Layer FIRMette



# Legend

Page 9 of 136



Basemap Imagery Source: USGS National Map 2023

# **OSE POD Location Map**



Released to Imaging: 5/10/2024 2:02:14 PM



Received by OCD: 3/28/2024 6:46:06 AM

# Site Characterization Map

New Mexico Oil Conservation Division



# Released to Imaging: 5/10/2024 2:02:14 PM

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

# TABLES

Table 1 Summary of Soil Analytical Data - Delineation Samples Thistle Unit #071H Devon Energy Production Company Lea County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth (ft has)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	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	e I Closure Cri	teria for Soil 0	-50 feet Dep	th to Ground	water 19.15.2	29 NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					Vert	ical Delineatio	on Samples						
	02/06/24	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	19.6	1,570	1,589.6	305	1,894.6	11,100
	02/06/24	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.6	33.6	<10.0	33.6	2,400
V-1	02/06/24	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.5	14.5	<10.0	14.5	2,920
	02/06/24	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
	02/06/24	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	02/06/24	0-0.5	<0.050	0.062	0.074	0.352	0.488	<10.0	68.5	68.5	<10.0	68.5	6,240
	02/06/24	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.8	47.8	<10.0	47.8	528
V-2	02/06/24	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	41.8	41.8	<10.0	41.8	144
	02/06/24	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	11.4	370	381.4	71.6	453	304
	02/06/24	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	02/06/24	0-0.5	27.1	174	65.7	218	484	8590	35,900	44,490	7,200	51,690	13,200
	02/06/24	1-1.5	0.082	0.27	0.103	0.363	0.818	<10.0	130	130	18.1	148.1	2,600
V-3	02/06/24	2-2.5	<0.050	0.103	0.063	0.23	0.396	<10.0	71	71	11.9	82.9	2,440
	02/06/24	3-3.5	<0.050	0.65	0.657	2.56	3.87	65.3	626	691.3	129	820.3	2,680
	02/06/24	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	02/06/24	0-0.5	5.32	39.3	12	39.9	96.5	740	1,560	2,300	161	2,461	12,500
	02/06/24	1-1.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
V-4	02/06/24	2-2.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	02/06/24	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
	02/06/24	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
-	02/06/24	0-0.5	16.1	118	63.8	192	390	12,800	59,400	72,200	9,340	81,540	10,400
	02/06/24	1-1.5	0.061	0.631	0.458	1.92	3.07	34	328	362	41.2	403.2	384
V-5	02/06/24	2-2.5	<0.050	0.052	0.058	0.259	0.369	<10.0	55.1	55.1	<10.0	55.1	32
	02/06/24	3-3.5	<0.050	<0.050	0.05	0.232	0.282	<10.0	36.6	36.6	<10.0	36.6	32
	02/06/24	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	02/06/24	0-0.5	34.1	249	101	326	710	8,990	23,300	32,290	3,620	35,910	912
	02/06/24	1-1.5	1.43	13.4	6.45	21.2	42.5	677	2,340	3,017	361	3,378	368
V-6	02/06/24	2-2.5	0.218	2.97	1.69	6.28	11.2	<10.0	56.4	56.4	<10.0	56.4	400
	02/06/24	3-3.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	02/06/24	4-4.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16

#### Table 1 Summary of Soil Analytical Data - Delineation Samples Thistle Unit #071H Devon Energy Production Company Lea County, New Mexico

					ТРН									
Sample ID	Sample Date	Depth (ft bgs)	-	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	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 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg	
					Horizo	ontal Delineat	ion Samples							
H-1	02/06/24	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-2	02/06/24	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-3	02/06/24	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-4	02/06/24	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-5	02/06/24	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-6	02/06/24	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-7	02/06/24	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
H-8	02/06/24	0-0.5	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
H-9	02/06/24	0-0.5	0.065	0.196	<0.050	<0.150	0.261	<10.0	<10.0	<10.0	<10.0	<10.0	16	

1. Values reported in mg/kg

SP-1

5. TPH analyses by EPA Method SW 8015 Mod.

2.< = Value Less Than Reporting Limit (RL) 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

Bold indicates Analyte Detected
 BTEX analyses by EPA Method SW 8021B

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).

Sample Point Excavated 9

9. --- Not Analyzed

# Table 2 Summary of Soil Analytical Data - Confirmation Samples Thistle Unit 71H Devon Energy Production Company Lea County, New Mexico

										ТРН				
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	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	<b>Closure Crit</b>	eria for Soil 51	L-100 feet D	epth to Gro	undwater 19.1	5.29 NMAC	•		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg	
Base Confirmation Samples														
CS-1	3/22/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-2	3/22/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11	11	<10.0	11	32	
CS-3	3/22/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-4	3/22/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-5	3/22/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-6	3/22/2024	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-7	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-8	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-9	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-10	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-11	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-12	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.5	22.5	<10.0	22.5	<16.0	
CS-13	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-14	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	17.7	17.7	<10.0	17.7	48	
CS-15	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.8	15.8	<10.0	15.8	16	
CS-16	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-17	3/22/2024	4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-18	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	20.7	20.7	<10.0	20.7	<16.0	
CS-19	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-20	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-21	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-22	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-23	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-24	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-25	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-26	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-27	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-28	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-29	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-30	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-31	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-32	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
CS-33	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-34	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-35	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
CS-36	3/22/2024	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	

#### Table 2 Summary of Soil Analytical Data - Confirmation Samples Thistle Unit 71H **Devon Energy Production Company** Lea County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	(	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 51-100 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
	Sidewall Confirmation Samples												
SW-1	3/22/2024	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-2	3/22/2024	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-3	3/22/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-4	3/22/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-5	3/22/2024	0-2'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-6	3/22/2024	0-2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-7	3/22/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-8	3/22/2024	0-2'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-9	3/22/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-10	3/22/2024	0-3'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-11	3/22/2024	3-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-12	3/22/2024	2-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-13	3/22/2024	2-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Notes:

Released to Imaging: 5/10/2024 2:02:14 PM

1. Values reported in mg/kg 2.< = Value Less Than Reporting Limit (RL) 5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

SP-1 Sample Point Excavated

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



Released to Imaging: 5/10/2024 2:02:14 PM



Released to Imaging: 5/10/2024 2:02:14 PM



Released to Imaging: 5/10/2024 2:02:14 PM



Released to Imaging: 5/10/2024 2:02:14 PM

PHOTOGRAPHIC LOG

# **PHOTOGRAPHIC LOG Devon Energy Production Company**

Thistle Unit #071H

Photograph	n No. 1	W NW NE
i notogi upi		270 300 330 0 30 60 •   •   •   •   •   •   •   •   •   •
Facility:	Thistle Unit #071H	© 340°N (T)
County:	Lea County, New Mexico	
Description:		
Area of Conce	ern	
		06 Feb 2024, 11:20:42
Photograph	n No. 2	BE <b>S</b> SV <b>V W</b> NW
	<b>n No. 2</b> Thistle Unit #071H	BE <b>S</b> SV <mark>/ W</mark> NW
Photograph Facility:		SE S SV W NW
Facility:		SE S SV W NW
	Thistle Unit #071H Lea County, New Mexico	SE S SV W NW
Facility: County:	Thistle Unit #071H Lea County, New Mexico	SE S SV W NW
Facility: County: Description:	Thistle Unit #071H Lea County, New Mexico	SE S SV W NW
Facility: County: Description:	Thistle Unit #071H Lea County, New Mexico	SE S SV W NW

# Photograph No. 3

Facility: Thistle Unit #071H

County: Lea County, New Mexico

#### **Description:** Area of Concern







# **PHOTOGRAPHIC LOG Devon Energy Production Company**

Thistle Unit #071H

# Photograph No. 4

Facility: Thistle Unit #071H

Lea County, New Mexico County:

**Description:** Area of Excavation



# Photograph No. 5

Facility: Thistle Unit #071H

County: Lea County, New Mexico

**Description:** Area of Excavation



# Photograph No. 6

Facility: Thistle Unit #071H

County: Lea County, New Mexico

**Description:** Area of Excavation





# **PHOTOGRAPHIC LOG Devon Energy Production Company**

Thistle Unit #071H

# Photograph No. 7

Facility: Thistle Unit #071H

County: Lea County, New Mexico

**Description:** Area of Excavation



# Photograph No. 8

Facility: Thistle Unit #071H

County: Lea County, New Mexico

**Description:** 

Area of Excavation



# Photograph No. 9

Facility: Thistle Unit #071H

County: Lea County, New Mexico

**Description:** Area of Excavation





# LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



February 12, 2024

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

RE: THISTLE UNIT 71H

Enclosed are the results of analyses for samples received by the laboratory on 02/06/24 12:46.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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)

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. Keine

Celey D. Keene Lab Director/Quality Manager



DEVON - LEA CO., NM

## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez

#### Sample ID: V - 1 0-6" (H240548-01)

Project Location:

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: CT		d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	11100	16.0	02/07/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	19.6	10.0	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	1570	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	305	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14							

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., I	NM		

#### Sample ID: V - 1 1-1.5' (H240548-02)

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: CT		d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	33.6	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., M	IM		

#### Sample ID: V - 1 2-2.5' (H240548-03)

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: CT							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	14.5	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 1 3-3.5' (H240548-04)

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: CT		d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., M	NM		

#### Sample ID: V - 1 4-4.5' (H240548-05)

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: CT		d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	0						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



DEVON - LEA CO., NM

#### Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez

#### Sample ID: V - 2 0-6" (H240548-06)

Project Location:

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	0.062	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	0.074	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	0.352	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	0.488	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	mg/kg Analyzed By: CT		d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6240	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	68.5	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S	SUITE C					
		MIDLAND TX, 79706						
		Fax To:						
Received:	02/06/2024		Sampling Date:	02/06/2024				
	02/06/2024			02/06/2024				
Reported:	02/12/2024		Sampling Type:	Soil				
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact				
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez				
Project Location:	DEVON - LEA CO., I	M						

#### Sample ID: V - 2 1-1.5' (H240548-07)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	47.8	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	0						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:								
Received:	02/06/2024		Sampling Date:	02/06/2024				
Reported:	02/12/2024		Sampling Type:	Soil				
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact				
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez				
Project Location:	DEVON - LEA CO., N	IM						

#### Sample ID: V - 2 2-2.5' (H240548-08)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	41.8	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	100 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 2 3-3.5' (H240548-09)

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/07/2024	ND	432	108	400	7.69	
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*	11.4	10.0	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	370	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	71.6	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	104 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., M	NM		

#### Sample ID: V - 2 4-4.5' (H240548-10)

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DEVON - LEA CO., NM

## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	THAN SESSUMS 01 TRADEWINDS BLVD. SUITE C IDLAND TX, 79706					
Received:	02/06/2024		Sampling Date:		02/06/2024			
Reported:	02/12/2024		Sampling Type:		Soil			
Project Name:	THISTLE UNIT 71H		Sampling Condition:		Cool & Intact			
Project Number:	NONE GIVEN		Sample Received By:		Shalyn Rodriguez			

#### Sample ID: V - 3 0-6" (H240548-11)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	27.1	1.00	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	174	1.00	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	65.7	1.00	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	218	3.00	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	484	6.00	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	134	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13200	16.0	02/07/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	8590	50.0	02/07/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	35900	50.0	02/07/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	7200	50.0	02/07/2024	ND					
Surrogate: 1-Chlorooctane	1140	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	818	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 3 1-1.5' (H240548-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.082	0.050	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	0.270	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	0.103	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	0.363	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	0.818	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/06/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	130	10.0	02/06/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	18.1	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 3 2-2.5' (H240548-13)

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	0.103	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	0.063	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	0.230	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	0.396	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/07/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	71.0	10.0	02/07/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	11.9	10.0	02/07/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 3 3-3.5' (H240548-14)

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	0.650	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	0.657	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	2.56	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	3.87	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	123	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	02/07/2024	ND	432	108	400	7.69	
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*	65.3	10.0	02/07/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	626	10.0	02/07/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	129	10.0	02/07/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 3 4-4.5' (H240548-15)

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/07/2024	ND	432	108	400	7.69	
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	02/07/2024	ND	200	99.9	200	2.61	
DRO >C10-C28*	<10.0	10.0	02/07/2024	ND	194	97.2	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	02/07/2024	ND					
Surrogate: 1-Chlorooctane	105 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



DEVON - LEA CO., NM

## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SLVD. SUITE C				
Received:	02/06/2024		Sampling Date:	02/06/2024			
Reported:	02/12/2024		Sampling Type:	Soil			
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact			
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez			

#### Sample ID: V - 4 0-6" (H240548-16)

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	5.32	0.500	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	39.3	0.500	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	12.0	0.500	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	39.9	1.50	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	96.5	3.00	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12500	16.0	02/07/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	740	50.0	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	1560	50.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	161	50.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	139	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., M	IM		

#### Sample ID: V - 4 1-1.5' (H240548-17)

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	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 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	80.0	16.0	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 4 2-2.5' (H240548-18)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	105	2.00	0.438	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.10	105	2.00	0.466	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.13	102	6.00	0.566	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	128	16.0	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	91.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 4 3-3.5' (H240548-19)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	176	16.0	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 4 4-4.5' (H240548-20)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	82.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/06/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

#### Sample ID: V - 5 0-6" (H240548-21)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	16.1	1.00	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	118	1.00	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	63.8	1.00	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	192	3.00	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	390	6.00	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	142	% 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	10400	16.0	02/07/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12800	50.0	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	59400	50.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	9340	50.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	704	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	1040	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 5 1-1.5' (H240548-22)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.061	0.050	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	0.631	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	0.458	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	1.92	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	3.07	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	130	% 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	384	16.0	02/07/2024	ND	432	108	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*	34.0	10.0	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	328	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	41.2	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:		
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 5 2-2.5' (H240548-23)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	0.052	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	0.058	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	0.259	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	0.369	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	55.1	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	107	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:		
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 5 3-3.5' (H240548-24)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	0.232	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	36.6	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:						
Received:	02/06/2024		Sampling Date:	02/06/2024				
Reported:	02/12/2024		Sampling Type:	Soil				
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact				
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez				
Project Location:	DEVON - LEA CO., N	IM						

#### Sample ID: V - 5 4-4.5' (H240548-25)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	32.0	16.0	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	71.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.3	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/06/2024	Sampling Date:	02/06/2024
Reported:	02/12/2024	Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., NM		

#### Sample ID: V - 6 0-6" (H240548-26)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	34.1	2.00	02/07/2024	ND	2.08	104	2.00	1.90	
Toluene*	249	2.00	02/07/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	101	2.00	02/07/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	326	6.00	02/07/2024	ND	6.28	105	6.00	2.22	
Total BTEX	710	12.0	02/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	152	% 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	912	16.0	02/07/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	8990	50.0	02/07/2024	ND	218	109	200	2.86	
DRO >C10-C28*	23300	50.0	02/07/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	3620	50.0	02/07/2024	ND					
Surrogate: 1-Chlorooctane	325	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., M	NM		

#### Sample ID: V - 6 1-1.5' (H240548-27)

BTEX 8021B	mg	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.43	0.100	02/07/2024	ND	2.08	104	2.00	1.90	
Toluene*	13.4	0.100	02/07/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	6.45	0.100	02/07/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	21.2	0.300	02/07/2024	ND	6.28	105	6.00	2.22	
Total BTEX	42.5	0.600	02/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	167	% 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	368	16.0	02/07/2024	ND	432	108	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*	677	10.0	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	2340	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	361	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., M	M		

#### Sample ID: V - 6 2-2.5' (H240548-28)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.218	0.050	02/07/2024	ND	2.08	104	2.00	1.90	
Toluene*	2.97	0.050	02/07/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	1.69	0.050	02/07/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	6.28	0.150	02/07/2024	ND	6.28	105	6.00	2.22	
Total BTEX	11.2	0.300	02/07/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	149	% 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	400	16.0	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	56.4	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.5	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., M	NM		

#### Sample ID: V - 6 3-3.5' (H240548-29)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	80.0	16.0	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: V - 6 4-4.5' (H240548-30)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:					
Received:	02/06/2024		Sampling Date:	02/06/2024			
Reported:	02/12/2024		Sampling Type:	Soil			
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact			
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez			
Project Location:	DEVON - LEA CO., N	IM					

#### Sample ID: H - 1 0-6" (H240548-31)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., M	NM		

#### Sample ID: H - 2 0-6" (H240548-32)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.2	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: H - 3 0-6" (H240548-33)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. 5 MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

### Sample ID: H - 4 0-6" (H240548-34)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: H - 5 0-6" (H240548-35)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	02/07/2024	ND	432	108	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	02/06/2024	ND	218	109	200	2.86	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	227	113	200	1.84	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

### Sample ID: H - 6 0-6" (H240548-36)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	02/07/2024	ND	432	108	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	02/06/2024	ND	184	92.2	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: H - 7 0-6" (H240548-37)

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/07/2024	ND	400	100	400	7.69	
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	02/06/2024	ND	184	92.2	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



DEVON - LEA CO., NM

## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SL MIDLAND TX, 79706 Fax To:	JITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez

### Sample ID: H - 8 0-6" (H240548-38)

Project Location:

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	02/06/2024	ND	2.08	104	2.00	1.90	
Toluene*	<0.050	0.050	02/06/2024	ND	2.11	106	2.00	1.77	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.09	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.28	105	6.00	2.22	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/07/2024	ND	400	100	400	7.69	
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	02/06/2024	ND	184	92.2	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	SUITE C	
Received:	02/06/2024		Sampling Date:	02/06/2024
Reported:	02/12/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Shalyn Rodriguez
Project Location:	DEVON - LEA CO., N	IM		

#### Sample ID: H - 9 0-6" (H240548-39)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.065	0.050	02/06/2024	ND	1.99	99.3	2.00	6.10	
Toluene*	0.196	0.050	02/06/2024	ND	2.14	107	2.00	2.18	
Ethylbenzene*	<0.050	0.050	02/06/2024	ND	2.28	114	2.00	1.50	
Total Xylenes*	<0.150	0.150	02/06/2024	ND	6.83	114	6.00	1.08	
Total BTEX	<0.300	0.300	02/06/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/07/2024	ND	400	100	400	7.69	
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	02/06/2024	ND	184	92.2	200	3.01	
DRO >C10-C28*	<10.0	10.0	02/06/2024	ND	196	98.1	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	02/06/2024	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

| IRONMENT:  |   |  |  
  | Bill to: (if different   
   
  | 0   | Dale  | Wood  | dall  |                                
   |  |   |  |   
   |  |  | Nork   | Order    | Page  |   |
|--|---|--
--
---
--
---	---	---	---
--	---	--	
--	--	----------	---
Ethan Sessum:	S		
  | Bill to: (if different   
   
  | 9   | Dale  | Wood  | dall  | | |
   |  |   |  |   
   |  |  | Nork   | Order    | ö   |   |
| NTG Environm   | ental   |  |  
  | Company Nam  
   
  | e   | Devo  | on Ene  | BIQV  |                                
   |  |   |  | rogran  
   | TSU :  | PST  | PRP  | Trov     | vnfiel  |   |
| 209 W McKay (  | st  |  |  
  | Address:   
   
  |   | 6488  | Seve  | n River   | s Highw                        
   | ау   |   | (0)  | tate of   
   | Projec   | ۳<br>۱   |  | [        |   |   |
| Carlsbad, NM 8   | 8220  |  | 0  
  | City, State ZIP:   
   
  |   | Artes   | ia. NN  | M 88210   |                                
   | ľ  |   | 7  | eportin   
   | g:Leve   |  | evel III   | S        | ST/UST  |   |
| (432) 701-2159   |   |  | Email:   
  | Dale.woodall(  
   
  | @dvn.com  |   |   |   |                                
   | 1  |   |  | )elivera  
   | oles: E  | 8  |  | ADal     | ADaPT   |   |
| Π  | isle Unit 71H   |  |  
  | Around   
   
  |   |   |   |   |                                
   | ANA  | LYSIS   |  | EST   
   |  |  |  |          | _   |   |
|  |   |  | Routine  
  | Rush   
   
  | Pres.<br>Code   |   |   |   | $\neg$                         
   | -  |   |  | _   
   | _  | -  | -  | -        | None: NO  |   |
|  | .ea Co, NM  |  | Due Date:  
  |  
   
  |   |   |   |   | -                              
   |  |   | _  | _   
   | +  | +  | +  | +        | Cool: Cool                                      |   |
| ~  | ellan Smith   |  | TAT starts the di  
  | ay received by th  
   
  | ð   |   | IRO)  |   | | |
   |  |   |  |   
   |  |  |  |          | HCL: HC   |   |
|  | 21291826  |  | lab, if receiv   
  | ed by 4:30pm   
   
  |   |   | ) + M   |   | | |
   |  |   | _  |   
   |  |  | _  |          | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> |   |
| SAMPLE RECEIPT   | p Blank:  | Yes No   | Wet Ice:   
  | (Yes No  
   
  | neter   | 1B  | DRO   | 500   | | |
   |  |   |  |   
   |  | ,  | 1  |          | H <sub>3</sub> PO <sub>4</sub> : HP             |   |
| (Ye  | No  | Thermometer  |  
  | 440  
   
  | Iran  | 8021  | 0+1   | le 45   | | |
   |  |   |  |   
   |  |  |  | LD       |   |   |
| Yes  | N/A   | Correction Fac   | tor  
  | 1  
   
  | Pa  | TEX   | (GR   | loric   | | |
   |  |   | _  |   
   |  |  |  | но       |   |   |
| Sample Custody Seals: Yes  |   | Temperature F  | leading:   
  | 0.12   
   
  |   | в   | 5M  | Cł  | | |
   |  |   |  |   
   |  |  |  |          | Zn Acetate+NaOH: Zn                             |   |
|  |   | Corrected Terr   | perature:  
  | 1  
   
  |   |   | H 801   |   | | |
   | _  |   |  |   
   |  |  |  |          | NaOH+Ascorbic Acid: SAPC                        |   |
| Depth  | Date  | Time   | Soil   
  |  
   
  | p Cont  |   | TPH   |   | 1                              
   |  |   |  |   
   |  |  |  |          |   |   |
| 0-6"   | 2/6/2024  |  | ×  
  | Grat   
   
  | b/ 1  | ×   | ×   | ×   | +                              
   |  |   | $\downarrow$   | +   
   | +  | +  | 1  |          | _   |   |
| 1-1.5'   | 2/6/2024  |  | ×  
  | Grat   
   
  | b/ 1  | ×   | ×   | ×   | +                              
   | +  |   | $\downarrow$   | +   
   | +  | +  | +  | +        | e   |   |
| 2-2.5'   | 2/6/2024  |  | ×  
  | Grat   
   
  | o/ 1  | ×   | ×   | ×   | -                              
   |  |   | _  | $\neg$  
   | +  | +  | +  | 1        | U.  |   |
| 3-3.5'   | 2/6/2024  |  | ×  
  | Grat   
   
  | o/ 1  | ×   | ×   | ×   | -                              
   |  |   | _  | _   
   | +  | +  | +  | +        | e   |   |
| 4-4.5'   | 2/6/2024  |  | ×  
  | Grat   
   
  | o/ 1  | ×   | ×   | ×   | _                              
   |  | 2   | _  | _   
   | +  | +  | +  | +        | 5   |   |
| 0-6"   | 2/6/2024  |  | ×  
  | Grat   
   
  | o/ 1  | ×   | ×   | ×   | +                              
   |  |   | _  | -   
   | +  | +  | +  | +        | 6   |   |
| 1-1.5'   | 2/6/2024  |  | ×  
  | Grat   
   
  | o/ 1  | ×   | ×   | ×   | +                              
   |  |   | _  | +   
   | +  | +  | +  | +        | L   |   |
| 2-2.5'   | 2/6/2024  |  | ×  
  | Grat   
   
  | o/ 1  | ×   | ×   | ×   | -                              
   |  |   | _  | -   
   | -  | +  | 1  |          | 2   |   |
| 3-3.5'   | 2/6/2024  |  | ×  
  | Grat   
   
  | 9/ 1  | ×   | ×   | ×   | +                              
   |  |   | +  | +   
   | +  | +  | 1  | 1        | D   |   |
| 4-4.5'   | 2/6/2024  |  | ×  
  | Grat   
   
  | o/ 1  | ×   | ×   | ×   |                                
   |  |   | _  | -   
   | -  |  | 1  |          | 5   |   |
| al Comments  |   |  |  
  |  
   
  |   |   |   |   |                                
   |  |   |  | 1   
   |  |  |  |          |   |   |
| ument and relinquis<br>ble only for the cost<br>e of \$85.00 will be a | hment of samples<br>of samples and s<br>pplied to each pro  | constitutes a vali<br>hall not assume ar<br>ject and a charge  | d purchase order i<br>ny responsibility fo<br>of \$5 for each sam  
  | from client compa<br>or any losses or ex<br>ple submitted to   
   
  | iny to Xenco, i<br>xpenses incurr<br>Xenco, but not   | ts affiliat<br>ed by th<br>analyze  | es and s<br>e client<br>d. These  | subcontra<br>if such los<br>e terms wi  | ctors. It as<br>ses are du     
   | signs sta<br>e to circu<br>ed unless   | ndard ter<br>mstances<br>previous   | ms and c<br>beyond<br>ly negoti  | ondition<br>the contract  
   | <u>o</u> "   |  |  |          |   |   |
| Signature)   |   | Received by  | /: (Signature)   
  |  
   
  |   | Date/Ti   | ime   |   | Relinqu                        
   | lished t   | y: (Sig   | nature   |   
   | Re   | beived   | by: (S   | ignatu   | ure)  |   |
| CONTRACTOR AND                     |   | YOVUDA   | A  
  |  
   
  | 2-10-24   | 24  | Q   | 1246 z  | | |
   |  |   |  |   
   |  |  |  |          |   |   |
|  | NOON X  |  |  
  |  
   
  |   |   |   | 4   |                                
   |  |   |  | -   
   |  |  |  |          |   |   |
|  | roject Manager: Ethan Sessum:<br>ompany Name: NTG Environm<br>ddress: 209 W McKay is<br>ity, State ZIP: Carlsbad, NM 8<br>none: (432) 701-2159<br>oject Number: (432) 701-2159<br>oject Number: Th<br>orject Location L<br>mpler's Name: K<br>carlsbad, NM 8<br>ND #: 101-2159<br>oject Number: Carlsbad, NM 8<br>ND #: 101-2159<br>oject Number: Carlsbad, NM 8<br>ND #: 101-2159<br>oject Location L<br>mpler's Name: K<br>ND #: 101-2159<br>ND # | ager.   Ethan Sessums     arme:   NTG Environmental     209 W McKay St   209 W McKay St     IP:   Carlsbad, NM 88220     (432) 701-2159   Lea Co, NM     e:   Thisle Unit 71H     ber:   Lea Co, NM     ition   Lea Co, NM     sct   Yes     vg Seals:   Yes     ody Seals:   Yes     vg Seals:   2/6/2024     2/6/2024   2/6/2024     2/6/2024   2/6/2024 | Ithan Sessums     UTG Environmental     O9 W McKay St     Carlsbad, NM 88220     Thisle Unit 71H     Lea Co, NM     Lea Co, NM     Lea Co, NM     Kellan Smith     Kellan Smith <td colsp<="" td=""><td>Information     Introduction     Intr</td><td>Ithan Sessums   Bill to: (r ameen<br/>Company Nam<br/>Company Nam<br/>Natorial Company Nam<br/>Natorial Company<br/>Natorial Company<br/>N</td><td>Ithan Sesums   Bill to: (if efficiency)     UTG Environmental   Company Name:     09 W McKay St   Company Name:     109 W McKay St   Company Name:     209 W McKay St   Company Name:     109 W McKay St   Company Name:     209 W McKay St   Company Name:     209 W McKay St   Company Name:     109 W McKay St   Company Name:     209 W McKay St   Email:     200 W McKay St   Email:     201 2 159   Email:     201 2 159   Email:     201 2 159   No     No   Due Date:     2120 1 2 128   Ves No     Ves No   Nix Correction Factor:     206 No   Nix     1-1.5   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     3-3.5'   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     2/6/2024   X     6/7   2/6/2024     3-3.5'   2/6/2024     2/6/2024   X     6/7   2/6/2024     2/6/2024   X     6/7   2/6/2024     1   1     &lt;</td><td>Image: Sessure service on part of any second service on part of any second service or service and service or service or service and service or service or service and service or service and service or service and service or service and service or service or service and service or service or service and service or service and service or service and service or service and service or servi</td><td>Ithan Sessums   Bill b: (# ##exem)   Dale Wool     UTG Environmental   Company Name:   Devon Environmental     Address:   Address:   Ged8 Seve     andsbad, NM 88220   City, State ZIP:   Address:     Thisle Unit 71H   Turn Around   City, State ZIP:   Address:     Balk No   Routine   Rush   Cale Wool     Viss   No   No   International Vision   Rush     Viss   No   Themperature Reading:   U.U.   Parameters     0-6"   2/6/2024   X   Grab/   1   X     0-6"   2/6/2024   X   Grab/   1   X   X     0-6"   2/6/2024   X   Grab/   1   X   X     0-6"   2/6/2024   X   Grab/   1   X   X     2-2.5   2/6/2024   X   Grab/   1   X   X  &lt;</td><td>Bits of the set of the set</td><td>Image:     Entra Gesums     Bit for unterven     Carmany Name:     Company Name:     Date Unionmental       Company Name:     VTG Environmental     Company Name:     Company Name:</td><td>Think Desums   Ball to: rarevent   Cale Woodal     2117G Environmental   Company Name:   Devon Energy     209 W McKay St   Address:   Address:   Address:     2117G Environmental   Company Name:   Devon Energy     212701-2159   Environmental   Devon Energy     422, 701-2159   Environmental   Devon Energy     422, 701-2159   Environmental   Devoned by the<br/>21291826   Address:     141   Tim Around   Mont   Ves. No.     Ves. No.   Due Date:   Internomotiver in the any resourced by the<br/>21291826   Tim Around   Material     141   Tim Resource by Company Name:   O. Company Name:   O. Company Name:   Antasia, NM 88210     141   Tim Around   Tim Around   Material the any resource by the<br/>21291826   No.   Company Name:     141   Ves. No.   Company Name:   O. Company Name:   O. Company Name:   Antasia, NM 88210     141   Ves. No.   Commotiver IV   Internomotiver IV   Internomotiver IV   Antasia, NM 88210     142   Date   Tim Resource Internomotiver IV   Internomotiver IV   Internomotiver IV   Antasia     143   Zafoto24   X   GalaV   1   X   X   Internomotiver IV     225<td>Than Sessums   Bill by reference   Date Woodal     VTG Environmental   Company Name:   Devote Energy     309 MAcKay SI   Address:   Address:   Address:     209 MAcKay SI   Email   Date woodall@Curro   Address:     21701-2159   Commention Factor:   Thermonetality of the factor:   Parameters     218/2024   X   Grab   1   X   X     0-6*   216/2024   X   Grab   1   X   X     1-1:5   216/2024   X   Grab   1   X   X   I     0-6*   216/2024   X   Grab   1   X   X   I   I     2-5   216/2024   X   Grab   1   X   X   I   I   I     2-5   216/2024   X   Grab<td>Thin Sessums       Bill by (referee)       Date Woodal         TIG Environmental       Company Name:       Devon Energy         000 W McKay SI       Company Name:       Devon Energy         This Durit 71H       Turn Around       Antassa:       Pace Nooral       Pa</td><td>TIRONNENTIAL   Rall by answer   Dale Viocial     TIG Environmental   Company Varies   Device   Reading     109 W McKay S1   Enal   Device   Addaess     209 W McKay S1   Enal   Device   Addaess     209 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     201 P1 10   Tur Around   Ture Around   Notice   Addaess     201 P1 10   Ture Around   Notice   Bab aroune   Bab aroune   Bab aroune     2129 P2 P2   Ture Around   Ture Around   Notice   Addaess   Bab aroune   MAL YSIS RECUEST     112 P2 P2 P2 P2 P2 P2   Ture Around   Ture Around   Ture Around   Addaess   Addaess     12 P2 P2</td><td>Inway     Program: L       ANALYSIS REQUEST     Reporting: L       ANALYSIS REQUEST     Deliverables       Image: L     Image: L       Image: L     Image: L</td><td>Received</td><td>Received</td><td>Work O       UST/PST     PRP       roject    </td></td></td></td> | <td>Information     Introduction     Intr</td> <td>Ithan Sessums   Bill to: (r ameen<br/>Company Nam<br/>Company Nam<br/>Natorial Company Nam<br/>Natorial Company<br/>Natorial Company<br/>N</td> <td>Ithan Sesums   Bill to: (if efficiency)     UTG Environmental   Company Name:     09 W McKay St   Company Name:     109 W McKay St   Company Name:     209 W McKay St   Company Name:     109 W McKay St   Company Name:     209 W McKay St   Company Name:     209 W McKay St   Company Name:     109 W McKay St   Company Name:     209 W McKay St   Email:     200 W McKay St   Email:     201 2 159   Email:     201 2 159   Email:     201 2 159   No     No   Due Date:     2120 1 2 128   Ves No     Ves No   Nix Correction Factor:     206 No   Nix     1-1.5   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     3-3.5'   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     2/6/2024   X     6/7   2/6/2024     3-3.5'   2/6/2024     2/6/2024   X     6/7   2/6/2024     2/6/2024   X     6/7   2/6/2024     1   1     &lt;</td> <td>Image: Sessure service on part of any second service on part of any second service or service and service or service or service and service or service or service and service or service and service or service and service or service and service or service or service and service or service or service and service or service and service or service and service or service and service or servi</td> <td>Ithan Sessums   Bill b: (# ##exem)   Dale Wool     UTG Environmental   Company Name:   Devon Environmental     Address:   Address:   Ged8 Seve     andsbad, NM 88220   City, State ZIP:   Address:     Thisle Unit 71H   Turn Around   City, State ZIP:   Address:     Balk No   Routine   Rush   Cale Wool     Viss   No   No   International Vision   Rush     Viss   No   Themperature Reading:   U.U.   Parameters     0-6"   2/6/2024   X   Grab/   1   X     0-6"   2/6/2024   X   Grab/   1   X   X     0-6"   2/6/2024   X   Grab/   1   X   X     0-6"   2/6/2024   X   Grab/   1   X   X     2-2.5   2/6/2024   X   Grab/   1   X   X  &lt;</td> <td>Bits of the set of the set</td> <td>Image:     Entra Gesums     Bit for unterven     Carmany Name:     Company Name:     Date Unionmental       Company Name:     VTG Environmental     Company Name:     Company Name:</td> <td>Think Desums   Ball to: rarevent   Cale Woodal     2117G Environmental   Company Name:   Devon Energy     209 W McKay St   Address:   Address:   Address:     2117G Environmental   Company Name:   Devon Energy     212701-2159   Environmental   Devon Energy     422, 701-2159   Environmental   Devon Energy     422, 701-2159   Environmental   Devoned by the<br/>21291826   Address:     141   Tim Around   Mont   Ves. No.     Ves. No.   Due Date:   Internomotiver in the any resourced by the<br/>21291826   Tim Around   Material     141   Tim Resource by Company Name:   O. Company Name:   O. Company Name:   Antasia, NM 88210     141   Tim Around   Tim Around   Material the any resource by the<br/>21291826   No.   Company Name:     141   Ves. No.   Company Name:   O. Company Name:   O. Company Name:   Antasia, NM 88210     141   Ves. No.   Commotiver IV   Internomotiver IV   Internomotiver IV   Antasia, NM 88210     142   Date   Tim Resource Internomotiver IV   Internomotiver IV   Internomotiver IV   Antasia     143   Zafoto24   X   GalaV   1   X   X   Internomotiver IV     225<td>Than Sessums   Bill by reference   Date Woodal     VTG Environmental   Company Name:   Devote Energy     309 MAcKay SI   Address:   Address:   Address:     209 MAcKay SI   Email   Date woodall@Curro   Address:     21701-2159   Commention Factor:   Thermonetality of the factor:   Parameters     218/2024   X   Grab   1   X   X     0-6*   216/2024   X   Grab   1   X   X     1-1:5   216/2024   X   Grab   1   X   X   I     0-6*   216/2024   X   Grab   1   X   X   I   I     2-5   216/2024   X   Grab   1   X   X   I   I   I     2-5   216/2024   X   Grab<td>Thin Sessums       Bill by (referee)       Date Woodal         TIG Environmental       Company Name:       Devon Energy         000 W McKay SI       Company Name:       Devon Energy         This Durit 71H       Turn Around       Antassa:       Pace Nooral       Pa</td><td>TIRONNENTIAL   Rall by answer   Dale Viocial     TIG Environmental   Company Varies   Device   Reading     109 W McKay S1   Enal   Device   Addaess     209 W McKay S1   Enal   Device   Addaess     209 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     201 P1 10   Tur Around   Ture Around   Notice   Addaess     201 P1 10   Ture Around   Notice   Bab aroune   Bab aroune   Bab aroune     2129 P2 P2   Ture Around   Ture Around   Notice   Addaess   Bab aroune   MAL YSIS RECUEST     112 P2 P2 P2 P2 P2 P2   Ture Around   Ture Around   Ture Around   Addaess   Addaess     12 P2 P2</td><td>Inway     Program: L       ANALYSIS REQUEST     Reporting: L       ANALYSIS REQUEST     Deliverables       Image: L     Image: L       Image: L     Image: L</td><td>Received</td><td>Received</td><td>Work O       UST/PST     PRP       roject    </td></td></td> | Information     Introduction     Intr | Ithan Sessums   Bill to: (r ameen<br>Company Nam<br>Company Nam<br>Natorial Company Nam<br>Natorial Company<br>Natorial Company<br>N | Ithan Sesums   Bill to: (if efficiency)     UTG Environmental   Company Name:     09 W McKay St   Company Name:     109 W McKay St   Company Name:     209 W McKay St   Company Name:     109 W McKay St   Company Name:     209 W McKay St   Company Name:     209 W McKay St   Company Name:     109 W McKay St   Company Name:     209 W McKay St   Email:     200 W McKay St   Email:     201 2 159   Email:     201 2 159   Email:     201 2 159   No     No   Due Date:     2120 1 2 128   Ves No     Ves No   Nix Correction Factor:     206 No   Nix     1-1.5   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     3-3.5'   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     2/5   2/6/2024     2/6/2024   X     6/7   2/6/2024     3-3.5'   2/6/2024     2/6/2024   X     6/7   2/6/2024     2/6/2024   X     6/7   2/6/2024     1   1     < | Image: Sessure service on part of any second service on part of any second service or service and service or service or service and service or service or service and service or service and service or service and service or service and service or service or service and service or service or service and service or service and service or service and service or service and service or servi | Ithan Sessums   Bill b: (# ##exem)   Dale Wool     UTG Environmental   Company Name:   Devon Environmental     Address:   Address:   Ged8 Seve     andsbad, NM 88220   City, State ZIP:   Address:     Thisle Unit 71H   Turn Around   City, State ZIP:   Address:     Balk No   Routine   Rush   Cale Wool     Viss   No   No   International Vision   Rush     Viss   No   Themperature Reading:   U.U.   Parameters     0-6"   2/6/2024   X   Grab/   1   X     0-6"   2/6/2024   X   Grab/   1   X   X     0-6"   2/6/2024   X   Grab/   1   X   X     0-6"   2/6/2024   X   Grab/   1   X   X     2-2.5   2/6/2024   X   Grab/   1   X   X  < | Bits of the set | Image:     Entra Gesums     Bit for unterven     Carmany Name:     Company Name:     Date Unionmental       Company Name:     VTG Environmental     Company Name:     Company Name: | Think Desums   Ball to: rarevent   Cale Woodal     2117G Environmental   Company Name:   Devon Energy     209 W McKay St   Address:   Address:   Address:     2117G Environmental   Company Name:   Devon Energy     212701-2159   Environmental   Devon Energy     422, 701-2159   Environmental   Devon Energy     422, 701-2159   Environmental   Devoned by the<br>21291826   Address:     141   Tim Around   Mont   Ves. No.     Ves. No.   Due Date:   Internomotiver in the any resourced by the<br>21291826   Tim Around   Material     141   Tim Resource by Company Name:   O. Company Name:   O. Company Name:   Antasia, NM 88210     141   Tim Around   Tim Around   Material the any resource by the<br>21291826   No.   Company Name:     141   Ves. No.   Company Name:   O. Company Name:   O. Company Name:   Antasia, NM 88210     141   Ves. No.   Commotiver IV   Internomotiver IV   Internomotiver IV   Antasia, NM 88210     142   Date   Tim Resource Internomotiver IV   Internomotiver IV   Internomotiver IV   Antasia     143   Zafoto24   X   GalaV   1   X   X   Internomotiver IV     225 <td>Than Sessums   Bill by reference   Date Woodal     VTG Environmental   Company Name:   Devote Energy     309 MAcKay SI   Address:   Address:   Address:     209 MAcKay SI   Email   Date woodall@Curro   Address:     21701-2159   Commention Factor:   Thermonetality of the factor:   Parameters     218/2024   X   Grab   1   X   X     0-6*   216/2024   X   Grab   1   X   X     1-1:5   216/2024   X   Grab   1   X   X   I     0-6*   216/2024   X   Grab   1   X   X   I   I     2-5   216/2024   X   Grab   1   X   X   I   I   I     2-5   216/2024   X   Grab<td>Thin Sessums       Bill by (referee)       Date Woodal         TIG Environmental       Company Name:       Devon Energy         000 W McKay SI       Company Name:       Devon Energy         This Durit 71H       Turn Around       Antassa:       Pace Nooral       Pa</td><td>TIRONNENTIAL   Rall by answer   Dale Viocial     TIG Environmental   Company Varies   Device   Reading     109 W McKay S1   Enal   Device   Addaess     209 W McKay S1   Enal   Device   Addaess     209 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     201 P1 10   Tur Around   Ture Around   Notice   Addaess     201 P1 10   Ture Around   Notice   Bab aroune   Bab aroune   Bab aroune     2129 P2 P2   Ture Around   Ture Around   Notice   Addaess   Bab aroune   MAL YSIS RECUEST     112 P2 P2 P2 P2 P2 P2   Ture Around   Ture Around   Ture Around   Addaess   Addaess     12 P2 P2</td><td>Inway     Program: L       ANALYSIS REQUEST     Reporting: L       ANALYSIS REQUEST     Deliverables       Image: L     Image: L       Image: L     Image: L</td><td>Received</td><td>Received</td><td>Work O       UST/PST     PRP       roject    </td></td> | Than Sessums   Bill by reference   Date Woodal     VTG Environmental   Company Name:   Devote Energy     309 MAcKay SI   Address:   Address:   Address:     209 MAcKay SI   Email   Date woodall@Curro   Address:     21701-2159   Commention Factor:   Thermonetality of the factor:   Parameters     218/2024   X   Grab   1   X   X     0-6*   216/2024   X   Grab   1   X   X     1-1:5   216/2024   X   Grab   1   X   X   I     0-6*   216/2024   X   Grab   1   X   X   I   I     2-5   216/2024   X   Grab   1   X   X   I   I   I     2-5   216/2024   X   Grab <td>Thin Sessums       Bill by (referee)       Date Woodal         TIG Environmental       Company Name:       Devon Energy         000 W McKay SI       Company Name:       Devon Energy         This Durit 71H       Turn Around       Antassa:       Pace Nooral       Pa</td> <td>TIRONNENTIAL   Rall by answer   Dale Viocial     TIG Environmental   Company Varies   Device   Reading     109 W McKay S1   Enal   Device   Addaess     209 W McKay S1   Enal   Device   Addaess     209 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     201 P1 10   Tur Around   Ture Around   Notice   Addaess     201 P1 10   Ture Around   Notice   Bab aroune   Bab aroune   Bab aroune     2129 P2 P2   Ture Around   Ture Around   Notice   Addaess   Bab aroune   MAL YSIS RECUEST     112 P2 P2 P2 P2 P2 P2   Ture Around   Ture Around   Ture Around   Addaess   Addaess     12 P2 P2</td> <td>Inway     Program: L       ANALYSIS REQUEST     Reporting: L       ANALYSIS REQUEST     Deliverables       Image: L     Image: L       Image: L     Image: L</td> <td>Received</td> <td>Received</td> <td>Work O       UST/PST     PRP       roject    </td> | Thin Sessums       Bill by (referee)       Date Woodal         TIG Environmental       Company Name:       Devon Energy         000 W McKay SI       Company Name:       Devon Energy         This Durit 71H       Turn Around       Antassa:       Pace Nooral       Pa | TIRONNENTIAL   Rall by answer   Dale Viocial     TIG Environmental   Company Varies   Device   Reading     109 W McKay S1   Enal   Device   Addaess     209 W McKay S1   Enal   Device   Addaess     209 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     200 W McKay S1   Enal   Device   Addaess     201 P1 10   Tur Around   Ture Around   Notice   Addaess     201 P1 10   Ture Around   Notice   Bab aroune   Bab aroune   Bab aroune     2129 P2 P2   Ture Around   Ture Around   Notice   Addaess   Bab aroune   MAL YSIS RECUEST     112 P2 P2 P2 P2 P2 P2   Ture Around   Ture Around   Ture Around   Addaess   Addaess     12 P2 | Inway     Program: L       ANALYSIS REQUEST     Reporting: L       ANALYSIS REQUEST     Deliverables       Image: L     Image: L       Image: L     Image: L | Received | Received  | Work O       UST/PST     PRP       roject |

Page 42 of 45

## Page 69 of 136

Chain of Custody

Released to Imaging: 5/10/2024 2:02:14 PM

ce: Signature of this document and relinque ervice. Xenco will be liable only for the cos enco. A minimum charge of \$85.00 will be Relinquished by: (Signature)	ce: Signature of this document and relinque ervice. Xenco will be liable only for the cos enco. A minimum charge of \$85.00 will be Relinquished by: (Signature)	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. Received by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature)	ice: Signature of this document and relinquervice. Xenco will be liable only for the costenco. A minimum charge of \$85.00 will be	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. 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 is such losses are 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 hut not applied to each some usite to any the client is such losses are used.	ice: Signature of this document and relingu		Additional Comments:		V-4 4-4.5'	V-4 3-3.5'	V-4 2-2.5'	V-4 1-1.5'	V-4 0-6"	V-3 4-4.5'	V-3 3-3.5'			-	ition	Iotal Containers:	Seals: Yes	Yes	Received Intact	CEIPT	0 #	Sampler's Name:	Project Location	Project Number:		Phone: (432) 701-2159	City, State ZIP: Carlsbad, NM 88220	Address: 209 W McKay St	Company Name: NTG Environmental	Project Manager: Ethan Sessums	ENVIRONMENTA
	-	AND	2		applied to each pro	ishment of sample	39		2/6/2024	2/6/2024	2/6/2024	2/6/2024	2/6/2024	2/6/2024	2/6/2024	2/6/2024	2/6/2024	2/6/2024	Date	10	K	1	P	Temp Blank:	21291826	Kellan Smith	Lea Co, NM	18	Thisle Unit 71H	9	88220	/ St	nental	su	Ē
		REANN	Received b		hall not assume a pject and a charge	s constitutes a va													Time	Corrected Temperature	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes No											
	e e	N	Received by: (Signature)		ny responsibility to of \$5 for each sa	lid purchase order			×	×	×	×	×	×	×	×	×	×	Soil	mperature:	Reading:	ctor:	ID:	Wet Ice:	lab, if rece	TAT starts the	Due Date:	Routine	Turi	Email:					
			)		for any losses or e	r from client comp			Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Grab/	Water Comp		0.12	2 (	140	((Yes) No	lab, if received by 4:30pm	TAT starts the day received by the		C Rush	Turn Around	Email: Dale.woodall@dvn.com	City, State ZIP	Address:	Company Name	Bill to: (if different)	
		210-24		the focusion	expenses incuri	pany to Xenco, i				1b/	1b/ 1	ab/ 1	ab/ 1	ab/ 1	ab/ 1	ab/ 1	ab/ 1	ab/ 1	mp Cont			Pa		nete		the		Pres. Code		ll@dvn.com			me:	ent)	
	t	e	Date/Time	analyseu.	ed by the	ts affiliate:			×	×	×	×	×	×	×	×	×	×			B	TEX	802	1B							Artes	6488	Devo	Dale	
		OMCI	ne	al acall	client if s	s and sub		╟╴	+	+	×	+	×	×	×	×	×	×	TF	PH 801					+ M	RO)					Artesia, NM 88210	Seven	Devon Energy	Dale Woodall	
	4	N	R	TIN WILL	uch losse	contracto		ŀ	×	×	×	×	×	×	×	×	×	×			C	hlorid	de 4	500			_	_			88210	Rivers	gy	=	
			Relinquished	e elliorce	s are due	rs. It ass			+	+				1														_				6488 Seven Rivers Highway			
			shed by	d sseiun p	to circum	It assigns stand																	i						ANAL			зy			
			by: (Signature)	reviously	stances b	ard terms		┡	+	+	+	+	+	-	+	_	_	_			_	,					_	_	YSIS R						
			iture)	negotiated	yond the	indard terms and conditions		┢	+	+	+	+	+	+	+	+	+	+			-						+	-	LYSIS REQUEST	Deli	Rep	Stat	Pro		
			10183	-	control	litions				Ţ																			1	Deliverables: EDD	orting:Le	State of Project:	gram: U		
			Receive					-	+	+	+	+	+	+	+	+	_	_										_		EDD	evel II	ject:	ST/PST		
			Received by: (Signature)					$\vdash$	+	+	+	+	+	+	+	+	+	+									_	_			Reporting:Level II Level III	I	Program: UST/PST PRP Frownfields	Work	
			ignatur										-									но	LD							ADaPT	I ST/UST	I	Frow	Work Order Comments	
			e)					20	1	50	2	ĴŔ	5	5	a	ū	D'	1	ŝ	NaOH+	Zn Ace	Na <sub>2</sub> S <sub>2</sub> C	NaHSC	H <sub>3</sub> PO <sub>4</sub> : HP	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	HCI - HC	Cool: Cool	None: NO	7				nfields	Comm	P
																			Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	NaHSO4: NABIS	Ŧ	Η, i		<u>B</u>	GN	Preservative Codes	Other:	RRP	[	RRC	iments	IDP
			Date/Time																Comme	Acid: S	OH: Zn	)3	S	1	NaOH: Na	HNUCTI INE	Man	DI Water: H-O	tive C						0
			ne																ents	APC					H: Na	- HN	1. M.	ater	odes				Interfund		of .

*Received by OCD: 3/28/2024 6:46:06 AM* 

. Released to Imaging: 5/10/2024 2:02:14 PM

# Page 70 of 136

NTC

Chain of Custody

	F																0160	Work Order No: # TIXTO
	ENVIRONMENTAL																	
													1					
Proiect Manager: E	Ethan Sessums				Bill to: (if different)	nt)	Da	Dale Woodall	dall							W	Work Order Comments	Dra
	NTG Environmental	ntal			Company Name	ne:	De	Devon Energy	ergy				2	rogram.	UST/F	Program: UST/PST PRP	RP prownfields	5
Traine.	209 W McKav St				Address:		64	6488 Seven Rivers Highway	en Rive	's High	vay		S	State of Project:	roject			1
City State ZIP: 0	Carlsbad, NM 88220	1220			City, State ZIP:	.*	A	Artesia, NM 88210	M 8821	0			70	eporting	Level	Reporting:Level II Level III ST/UST	elI	
	(432) 701-2159			Email:		@dvn.c	-							Deliverables: EDD	es: El			ADaPT L
Nono-	Thi	Thisle Unit 71H		Tun							ANALY	LYSIS	<b>/SIS REQUEST</b>	EST				
Project Name:	111			Routine	C Rush	C P	Pres. Code	$\neg$			-			$\vdash$	$\vdash$			
Project I ocation		Lea Co. NM		Due Date:							_							
Sampler's Name:	K	Kellan Smith		TAT starts the	TAT starts the day received by the	the		IRO										
PO #		21291826	>	lab, if rece	aived by 4:30pm		ers	0+1										
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No		mete		4500		1					3		
Received Intact:	Yes	No	Thermometer ID:	r ID:	Chi		yara x 80		ride									HOL
Cooler Custody Seals:	Yes		Correction Factor:	actor:	2				Chlo									
Sample Custody Seals: Total Containers:	Yes	NO NIA	Corrected Temperature:	mperature:	15			8015		_								
Sample	Depth	Date	Time	Soil	Water Gr	Grab/ #	# of Cont	TP										
V-5	0-6"	2/6/2024		×	G			××	×		H			$\left  \right $	+	$\vdash$		
V-5	1-1.5'	2/6/2024		×	G	Grab/	-	-	×		┝	T	$\downarrow$	╞	+	+	T	
V-5	2-2.5'	2/6/2024		×	G	Grab/	1	××	×		┝		L	╞	+	+	T	
V-5	3-3.5'	2/6/2024		×	G	Grab/	1	××	×		┝	T	L	-	+	$\vdash$		
V-5	4-4.5	2/6/2024		×	G	Grab/	1	X X	×		┝		L	-	+	$\vdash$		
9-V	0-6"	2/6/2024		×	G	Grab/	-	××	×						+			
9-V	1-1.5'	2/6/2024		×	G	Grab/	-	××	-						+	+		
9-V	2-2.5'	2/6/2024		×	G	Grab/	-	×	-		-				+	+		1
9-V	3-3.5'	2/6/2024		×	G	Grab/	-	-	×		-			-	+	+		1
9-V	4-4.5'	2/6/2024		×	G	Grab/	-	××	×		$\vdash$							11
Additio	Additional Comments:	n					•											
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 for 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 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 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 service. Xenco will be liable only for the cost of samples and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	ocument and relinquiable only for the cos	ishment of sample it of samples and applied to each p	es constitutes a shall not assum	valid purchase or te any responsibilinge of \$5 for each	der from client co ity for any losses of sample submitted	mpany to X or expense d to Xenco,	(enco, its a s incurred but not an	affiliates a by the cli halyzed. Ti	nd subcor ent if such hese term	losses a will be e	It assigns e due to ci forced un	standard cumstanc	ndard terms and condit mstances beyond the c previously negotiated.	i conditio d the con stiated.	rol			
Relinguished by: (Signature)	: (Signature)		Receive	Received by: (Signature)	Ire)		Da	Date/Time		Rel	Relinquished	d by: (S	by: (Signature)	e)	R	eceived	Received by: (Signature)	1
to accordion on the		R	NUM	MARY		e	ray		JHG	T								n
3						_				2								

Released to Imaging: 5/10/2024 2:02:14 PM

Page 44 of 45

Page 71 of 136

	IN I G	F 🖬 .															Wo	rk Ol	der	Work Order No:		# tato 0 10	2	C	0
	Constanting Lines	1					1							1							Page		4	of	
Project Manager:	Ethan Sessums	S			Bill to: (if different)		Dale \	Dale Woodall										Worl	Orde	r Col	Work Order Comments	Its			
Company Name:	NTG Environmental	ental			Company Name	Ω.	Devor	Devon Energy	Q.					2	ogran	TSU :r	/PST	Program: UST/PST PRP	7	rownfields	lds	RRC		uperfund	2
Address:	209 W McKay St	St			Address:		6488 Seven Rivers Highway	Seven	River	's Hig	hway			S	State of Project:	Proje	Ħ	[				l			
City, State ZIP:	Carlsbad, NM 88220	38220			City, State ZIP:		Artesi	Artesia, NM 88210	8821	°				R	eportin	g:Leve		Reporting:Level II Level III		ST/UST		RRP		Level IV	
Phone:	(432) 701-2159	•		Email:		2)dvn.com								D	Deliverables: EDD	bles: E	DD		AD	ADaPT		Other:			
Project Name:	T	Thisle Unit 71H		Turn							A	ANALY	YSIS REQUEST	EQUE	TSI						Pre	Preservative Codes	ative	Code	0
Project Number:				Routine	C Rush	Pres. Code						_	_	_	_	_	$\neg$	$\neg$	$\neg$	N	None: NO		PI	DI Water: H <sub>2</sub> O	H,0
Project Location		Lea Co, NM		Due Date:							_	_	-		-	+	+	+	+	<u> </u>	Cool: Cool	0	Me	MeOH: Me	no ,
Sampler's Name:	-	Kellan Smith		TAT starts the	TAT starts the day received by the	Ø		RO)							,			,		H	HCL: HC		HN	HNO3: HN	~ 1
PO #		21291826	>	lab, if recei	lab, if received by 4:30pm	ers		) + M	_		,									H <sub>2</sub>	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	2	Nat	NaOH: Na	ω.
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	nete	1B	DRO	500				÷							H3	H <sub>3</sub> PO <sub>4</sub> : HP	Þ			
Received Intact:	Me		Thermometer ID:	rID:	, Ido	arar	802	RO +	de 4					-		_		-	DLD	_	NaHSO4: NABIS	NABI	S		
Sample Custody Seals	Yes		Temperature Reading:	Readino:	0.12		вте	M ( G	Chlo									_			Na20203: Na003	NOPN -		,	
Total Containers:		65 39	Corrected Temperature	mperature:	١			801												Na	NaOH+Ascorbic Acid: SAPC	scorbi	c Acid	SAP	0
Sample Identification	Depth	Date	Time	Soil	Water Comp	/ #of p Cont		TPI													Sa	Sample Comments	Com	ments	
H-1	0-6"	2/6/2024		×	Grab/	b/ 1	×	×	×						-	_	-			3	3				
H-2	0-6"	2/6/2024		×	Grab/	b/ 1	×	×	×					_			_			<i>w</i>	25				
H-3	0-6"	2/6/2024		×	Grab/	o/ 1	×	×	×					_	_				_	N	N				
H4	0-0"	2/6/2024		Х	Grab/	b/ 1	×	×	×			_	_	_	_	_	_	_	_	CAI	f				
H-5	0-6"	2/6/2024		×	Grab/	b/ 1	×	×	×				_	_	_					(1)	ũ				
H-6	"9-0	2/6/2024		×	Grab/	b/ 1	×	×	×				_	_	_	_	_	_			6				
H-7	0-6"	2/6/2024		Х	Grab/	1 1	×	×	×	_		_	_	_	_	_	-	_		N	3		×		
H-8	"6-0	2/6/2024		×	Grab/	1 /	×	×	×		_		-	-	_	-				(1)	X				
H-9	0-6"	2/6/2024		×	Grab/	1	×	×	×	$\perp$	+	+	+	+	+	+	+	+	+	CN	é				
Additio	Additional Comments:			İ							í	⊪	⊪	i-	⊪	⊪		⊪	⊪	⊪					í
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.	ocument and relinqui lable only for the cos rge of \$85.00 will be	shment of sample t of samples and s applied to each pro	s constitutes a vi shall not assume oject and a charg	alid purchase orde any responsibility e of \$5 for each sa	r from client compa for any losses or ex mple submitted to )	ny to Xenco, i qpenses incurr Xenco, but not	ed by the analyzed	s and su client if	ubcontra such lo terms w	actors. sses an	t assign due to forced u	s standa circums	ndard terms and condi mstances beyond the c previously negotiated	s and c eyond t negotia	he cont	s									
Relinguished by: (Signature)	(Signature)	)	Received	Received by: (Signature)			Date/Time	ne		Relii	Relinquished by: (Signature)		(Sign	ature)		Re	ceive	Received by: (Signature)	Signa	ture)			Date/	Date/Time	
3 1	)	Sto	dula	wy-		J.U.	74	124	1 2						+-										
σı				C		+			o 4						+										

Released to Imaging: 5/10/2024 2:02:14 PM

Page 45 of 45

Chain of Custody

Page 72 of 136


March 26, 2024

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

RE: THISTLE UNIT 71H

Enclosed are the results of analyses for samples received by the laboratory on 03/22/24 13:10.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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)

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. Keine

Celey D. Keene Lab Director/Quality Manager



248363

DEVON - LEA CO., NM

Tamara Oldaker

Sample Received By:

# Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: 03/22/2024 Sampling Date: 03/22/2024 03/26/2024 Sampling Type: Soil Project Name: THISTLE UNIT 71H Sampling Condition: Cool & Intact

## Sample ID: CS - 1 3' (H241515-01)

Received:

Reported:

Project Number:

Project Location:

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 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	Qualifie
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	101 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	0						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 2 3' (H241515-02)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	11.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	95.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 3 3' (H241515-03)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 4 3' (H241515-04)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 5 3' (H241515-05)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SL MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 6 3' (H241515-06)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	98.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	<i>99.1</i>	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 7 4' (H241515-07)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SL MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 8 4' (H241515-08)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	98.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.8	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SL MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 9 4' (H241515-09)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: 03/22/2024 Sampling Date:

Received:	03/22/2024	Sampling Date:	03/22/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H	Sampling Condition:	Cool & Intact
Project Number:	248363	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

## Sample ID: CS - 10 4' (H241515-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	95.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



248363

DEVON - LEA CO., NM

Tamara Oldaker

Sample Received By:

# Analytical Results For:

		NTG ENVIRONMENTAL	
		ETHAN SESSUMS	
		701 TRADEWINDS BLVD. SUITE C	
		MIDLAND TX, 79706	
		Fax To:	
Received:	03/22/2024	Sampling Date:	03/22/2024
Reported:	03/26/2024	Sampling Type:	Soil
•	1 1		
Project Name:	THISTLE UNIT 71H	Sampling Condition:	Cool & Intact

#### Sample ID: CS - 11 4' (H241515-11)

Project Number:

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.3	% 49.1-14	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	ITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 12 4' (H241515-12)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	22.5	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SI MIDLAND TX, 79706 Fax To:	UITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 13 4' (H241515-13)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	102 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 14 4' (H241515-14)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 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	48.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	17.7	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



248363

DEVON - LEA CO., NM

Tamara Oldaker

Sample Received By:

# Analytical Results For:

	NTG ENVIRONMENTAL		
	ETHAN SESSUMS		
	701 TRADEWINDS BLVD	D. SUITE C	
	MIDLAND TX, 79706		
	Fax To:		
03/22/2024		Sampling Date:	03/22/2024
03/26/2024		Sampling Type:	Soil
THISTLE UNIT 71H		Sampling Condition:	Cool & Intact

## Sample ID: CS - 15 4' (H241515-15)

Received:

Reported: Project Name:

Project Number:

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	15.8	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To: 03/22/2024 Sampling Date:

Received:	03/22/2024	Sampling Date:	03/22/2024
Reported:	03/26/2024	Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H	Sampling Condition:	Cool & Intact
Project Number:	248363	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA CO., NM		

### Sample ID: CS - 16 4' (H241515-16)

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 17 4' (H241515-17)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 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	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	SESSUMS ADEWINDS BLVD. SUITE C ID TX, 79706				
Received:	03/22/2024		Sampling Date:	03/22/2024			
Reported:	03/26/2024		Sampling Type:	Soil			
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact			
Project Number:	248363		Sample Received By:	Tamara Oldaker			

## Sample ID: CS - 18 2' (H241515-18)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	20.7	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C		
Received:	03/22/2024		Sampling Date:	03/22/2024	ł
Reported:	03/26/2024		Sampling Type:	Soil	
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Inta	ct
Project Number:	248363		Sample Received By:	Tamara Old	laker

## Sample ID: CS - 19 2' (H241515-19)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	97.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	ITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 20 2' (H241515-20)

Project Location:

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	03/22/2024	ND	1.82	91.1	2.00	2.48	
Toluene*	<0.050	0.050	03/22/2024	ND	1.92	95.8	2.00	2.98	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	1.90	94.8	2.00	2.97	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	5.75	95.9	6.00	3.02	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/23/2024	ND	186	92.9	200	0.554	
DRO >C10-C28*	<10.0	10.0	03/23/2024	ND	195	97.4	200	0.101	
EXT DRO >C28-C36	<10.0	10.0	03/23/2024	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.0	% 49.1-14	8						

#### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SL MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 21 2' (H241515-21)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	QR-03
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SL MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 22 2' (H241515-22)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

### Sample ID: CS - 23 2' (H241515-23)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

### Sample ID: CS - 24 2' (H241515-24)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	UITE C		
Received:	03/22/2024		Sampling Date:		03/22/2024
Reported:	03/26/2024		Sampling Type:	:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	(	Cool & Intact
Project Number:	248363		Sample Received By:	-	Tamara Oldaker

### Sample ID: CS - 25 2' (H241515-25)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	83.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.8	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 26 2' (H241515-26)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

### Sample ID: CS - 27 2' (H241515-27)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 28 2' (H241515-28)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	98.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.0	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	UITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 29 2' (H241515-29)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	<i>93.8</i>	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.5	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	UITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

### Sample ID: CS - 30 2' (H241515-30)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C		
Received:	03/22/2024		Sampling Date:	03/22/2024	1
Reported:	03/26/2024		Sampling Type:	Soil	
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Inta	ict
Project Number:	248363		Sample Received By:	Tamara Olo	Jaker

## Sample ID: CS - 31 2' (H241515-31)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 32 2' (H241515-32)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 33 2' (H241515-33)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	UITE C		
Received:	03/22/2024		Sampling Date:		03/22/2024
Reported:	03/26/2024		Sampling Type:	:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	(	Cool & Intact
Project Number:	248363		Sample Received By:	-	Tamara Oldaker

### Sample ID: CS - 34 2' (H241515-34)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 35 2' (H241515-35)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	ITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: CS - 36 2' (H241515-36)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 1 0-3' (H241515-37)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/25/2024	ND	432	108	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.6	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 2 0-3' (H241515-38)

Project Location:

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	03/22/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/22/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/22/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 3 0-4' (H241515-39)

Project Location:

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	03/23/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/23/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/23/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/23/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/23/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/23/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/23/2024	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. S MIDLAND TX, 79706 Fax To:	UITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 4 0-4' (H241515-40)

Project Location:

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	03/23/2024	ND	2.24	112	2.00	7.30	
Toluene*	<0.050	0.050	03/23/2024	ND	2.35	117	2.00	7.21	
Ethylbenzene*	<0.050	0.050	03/23/2024	ND	2.52	126	2.00	6.60	
Total Xylenes*	<0.150	0.150	03/23/2024	ND	7.48	125	6.00	6.44	
Total BTEX	<0.300	0.300	03/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/23/2024	ND	203	102	200	0.132	
DRO >C10-C28*	<10.0	10.0	03/23/2024	ND	182	91.0	200	1.39	
EXT DRO >C28-C36	<10.0	10.0	03/23/2024	ND					
Surrogate: 1-Chlorooctane	96.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.6	% 49.1-14	8						

### Cardinal Laboratories

### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 5 0-2' (H241515-41)

Project Location:

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	03/22/2024	ND	2.13	106	2.00	3.58	
Toluene*	<0.050	0.050	03/22/2024	ND	2.15	107	2.00	3.52	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.12	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	6.26	104	6.00	3.87	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/22/2024	ND	189	94.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	197	98.4	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 6 0-2' (H241515-42)

Project Location:

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	03/22/2024	ND	2.13	106	2.00	3.58	
Toluene*	<0.050	0.050	03/22/2024	ND	2.15	107	2.00	3.52	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.12	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	6.26	104	6.00	3.87	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/22/2024	ND	189	94.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	197	98.4	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 7 0-2' (H241515-43)

Project Location:

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	03/22/2024	ND	2.13	106	2.00	3.58	
Toluene*	<0.050	0.050	03/22/2024	ND	2.15	107	2.00	3.52	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.12	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	6.26	104	6.00	3.87	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/22/2024	ND	189	94.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	197	98.4	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88. <i>3</i>	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 8 0-2' (H241515-44)

Project Location:

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	03/22/2024	ND	2.13	106	2.00	3.58	
Toluene*	<0.050	0.050	03/22/2024	ND	2.15	107	2.00	3.52	
Ethylbenzene*	<0.050	0.050	03/22/2024	ND	2.12	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	03/22/2024	ND	6.26	104	6.00	3.87	
Total BTEX	<0.300	0.300	03/22/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/22/2024	ND	189	94.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	197	98.4	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 9 0-4' (H241515-45)

Project Location:

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	03/23/2024	ND	2.13	106	2.00	3.58	
Toluene*	<0.050	0.050	03/23/2024	ND	2.15	107	2.00	3.52	
Ethylbenzene*	<0.050	0.050	03/23/2024	ND	2.12	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	03/23/2024	ND	6.26	104	6.00	3.87	
Total BTEX	<0.300	0.300	03/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/22/2024	ND	189	94.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	197	98.4	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.4	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 10 0-3' (H241515-46)

Project Location:

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	03/23/2024	ND	2.13	106	2.00	3.58	
Toluene*	<0.050	0.050	03/23/2024	ND	2.15	107	2.00	3.52	
Ethylbenzene*	<0.050	0.050	03/23/2024	ND	2.12	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	03/23/2024	ND	6.26	104	6.00	3.87	
Total BTEX	<0.300	0.300	03/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/22/2024	ND	189	94.5	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/22/2024	ND	197	98.4	200	2.87	
EXT DRO >C28-C36	<10.0	10.0	03/22/2024	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

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:	03/22/2024		Sampling Date:	03/22/2024			
Reported:	03/26/2024		Sampling Type:	Soil			
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact			
Project Number:	248363		Sample Received By:	Tamara Oldaker			
Project Location:	DEVON - LEA CO., NI	Μ					

## Sample ID: SW - 11 3-4' (H241515-47)

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	03/23/2024	ND	2.13	106	2.00	3.58	
Toluene*	<0.050	0.050	03/23/2024	ND	2.15	107	2.00	3.52	
Ethylbenzene*	<0.050	0.050	03/23/2024	ND	2.12	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	03/23/2024	ND	6.26	104	6.00	3.87	
Total BTEX	<0.300	0.300	03/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/25/2024	ND	224	112	200	2.60	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	223	111	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

## Sample ID: SW - 12 2-4' (H241515-48)

Project Location:

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	03/23/2024	ND	2.13	106	2.00	3.58	
Toluene*	<0.050	0.050	03/23/2024	ND	2.15	107	2.00	3.52	
Ethylbenzene*	<0.050	0.050	03/23/2024	ND	2.12	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	03/23/2024	ND	6.26	104	6.00	3.87	
Total BTEX	<0.300	0.300	03/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/25/2024	ND	224	112	200	2.60	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	223	111	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	113	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## Analytical Results For:

		NTG ENVIRONMENTAL ETHAN SESSUMS 701 TRADEWINDS BLVD. SU MIDLAND TX, 79706 Fax To:	JITE C	
Received:	03/22/2024		Sampling Date:	03/22/2024
Reported:	03/26/2024		Sampling Type:	Soil
Project Name:	THISTLE UNIT 71H		Sampling Condition:	Cool & Intact
Project Number:	248363		Sample Received By:	Tamara Oldaker

### Sample ID: SW - 13 2-4' (H241515-49)

Project Location:

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	03/23/2024	ND	2.13	106	2.00	3.58	
Toluene*	<0.050	0.050	03/23/2024	ND	2.15	107	2.00	3.52	
Ethylbenzene*	<0.050	0.050	03/23/2024	ND	2.12	106	2.00	4.02	
Total Xylenes*	<0.150	0.150	03/23/2024	ND	6.26	104	6.00	3.87	
Total BTEX	<0.300	0.300	03/23/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	03/25/2024	ND	464	116	400	0.00	
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	03/25/2024	ND	224	112	200	2.60	
DRO >C10-C28*	<10.0	10.0	03/25/2024	ND	223	111	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	03/25/2024	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.6	% 49.1-14	8						

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



## **Notes and Definitions**

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

### **Cardinal Laboratories**

## \*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Project Manager:	Ethan Sessums				Bill to: (if different)	e	Dale	Dale Woodall					?					r Com	N Order NoPageP		of 6
	than Sessums				Bill to: (if different	()	Dale	Noodal					?					unfiel		_	Inerfund
Company Name: N	NTG Environmental	Ital			Company Name	IĘ:	Devon	5					St	Program: USI/P: State of Project:	State of Project:			ownie		_	uperiorio
Address: 2	209 W McKay St				Address:								, v	ate of P	roject.		-	CTILIC			I ovol IV
te ZIP:	Carlsbad, NM 88220	220			City, State ZIP:								Re	porting	Level II		Reporting:Level II Level III LSI/USI	SU/US			
	432-701-2159			Email:	esessums@ntglobal.com	ntglobal.co	ă							liverabl	Deliverables: EDD		AD	ADaP1		Uther:	
Project Name:	Thist	Thistle Unit 71H		Turn	Turn Around	A. The					ANAI	ANALYSIS REQUEST	REQUE	ST					Prese	Preservative Codes	Codes
Project Number:	2	248363	_	<b>K</b> Routine	Rush	Pres. Code				-			-	$\vdash$	T		-	Nor	None: NO	D	DI Water: H <sub>2</sub> O
Project Location	Lea	Lea Co, NM		Due Date:	48hr			)									_	Co	Cool: Cool	Me	MeOH: Me
Sampler's Name:	Ke	Kenny Han		TAT starts the c	TAT starts the day received by the	he		MRO	_	_	_							HC	HCL: HC	L L	HNO3: HN
PO #.	21	291826		lab, if recei	ved by 4:30pm			0+1										H2	H <sub>2</sub> SU <sub>4</sub> : H <sub>2</sub>	No	Nauh: Na
SAMPLE RECEIPT		Temp Blank:	Yes No Wet Ice:	Wet Ice:	Yes No	nete	21B	DRC	500										H <sub>3</sub> PO <sub>4</sub> : HP		
Received Intact:		No	Thermometer ID:	er ID:	140	arar	( 802	RO +	ide 4										NaHSO4: NABIS	ABIS	
Cooler Custody Seals:	Yes	O (NIA)	Correction Factor:	-actor:	010	P	BTE	1 ( G	hlor	-				-					The Acotate + NaOH: 7n	NoOH.	'n
Sample Custody Seals	Yes	NO (NIA)	Corrected Temperature	Corrected Temperature:	19.00			30151						-			_	Na	NaOH+Ascorbic Acid: SAPC	orbic Aci	d: SAPC
Sample	Depth (ft bgs)	ite	Time	Soil	Water Comp	ab/ # of mp Cont	-	TPH											Samp	Sample Comments	Iments
CS-1	ω	3/22/2024		×	Comp	mp 1	×	×	×									-			
CS-2	ω	3/22/2024		×	Comp		×	×	×	-				+	+			+			
CS-3	ω	3/22/2024		×	Comp	mp 1	×	×	×	-	$\vdash$			+	+	T		+			
U CS-4	ы	3/22/2024		×	Comp		×	×	×	+	+		-	+	+			+			
CS-5	ω	3/22/2024		×	Comp	mp 1	×	×	×	-	+		-	+	+			+			
CS-6	3	3/22/2024		×	Co	Comp 1	×	×	×	-	+			+	+	T		+			
CS-7	4	3/22/2024		×	Co		×	×	×	-	+			+	+	T		-			
CS-8	4	3/22/2024		×	Co	Comp 1	×	×	×	-				+	+	t		+			
CS-9	4	3/22/2024		×	Co	Comp 1	×	×	×		+			+	+	T		-			
CS-10	4	3/22/2024		×	Co	Comp 1	×	×	×	-	-										
	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 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 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 service. Xenco will be enforced unless previously negotiated.	document and relinquest to the constraint of \$85.00 will be	uishment of samp st of samples and applied to each	oles constitute d shall not ass project and a	es a valid purcha sume any respon charge of \$5 for o	se order from clie sibility for any loa each sample subr	ent company sses or exper mitted to Xen	to Xenco, nses incu co, but no	its affilia rred by th ot analyze	ites and s he client if ed. These	ubcontra such los terms wi	tors. It as ses are du l be enfor	ssigns sta le to circu ced unles	indard te mstances s previou	rms and beyond sly negot	condition the contr iated.	0 8					
Relinguished by: (Signature)	r: (Signature)	/	Received by:	I by: (Signature)	ure)		Date	Date/Time		Relin	Relinquished by: (Signature)	i by: (S	ignature	e)	Rec	ceived	Received by: (Signature)	nature		Da	Date/Time
1 /200			CAB!	alle	W/W	50	78-56	4/	310 2	10				-							
10.00					J				4	-	ţ.			-							

2 sin of Cucto

# Received by OCD: 3/28/2024 6:46:06 AM

Page 124 of 136

eceived	by (	0 <b>C</b> .	D: 3/28/2	2024	6:4	6:00	6 A	M	16	3	14	3	12	1																	Page 125
3	-		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.		CS-20	CS-19	CS-18	CS-17	CS-16	CS-15	CS-14	CS-13	CS-12	CS-11	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:	Company Name:	Project Manager:	
		y: (Signature)	document and reling e liable only for the co harge of \$85.00 will be	Additional Comments:	er	e.K.	51	4	4	4	4	4	4	4	Depth (ft bgs)		Yes	Yes			2	K	Le		This	432-701-2159	Carlsbad, NM 88220	209 W McKay St	NTG Environmental	Ethan Sessums	ENVIRONMENTA
	141	V	uishment of samp st of samples and applied to each p	n	3/22/2024	3/22/2024	3/22/2024	3/22/2024	3/22/2024	3/22/2024	3/22/2024	3/22/2024	3/22/2024	3/22/2024	Date	sr ya	NO NIA	NO NIA		Temp Blank:	1291826	Kenny Han	Lea Co, NM	248363	Thistle Unit 71H		8220	St	ental		
	EVENII.	Received by:	ples constitutes ; d shall not assun project and a cha												Time	Corrected Temperature	Temperature Reading:	Correction Factor:	Thermometer ID:	Yes NOD		T	D	\$							
(Lan		v: (Signature)	a valid purchase ne any responsit arge of \$5 for ea		×	×	×	×	×	×	×	×	×	×	Soil	imperature:	Reading:	actor:	r ID:	Wet Ice:	lab, if receiv	AT starts the da	Due Date:	K Routine	Turn /	Email: e	0	P	0	m	
A CAR	10/00	eh ,	order from client bility for any loss ch sample submit		Comp	Water Comp	$\left  \right $	asc		140	Xes No	lab, if received by 4:30pm	TAT starts the day received by the	48hr	Rush	Turn Around	esessums@ntglobal.com	City, State ZIP:	Address:	Company Name	Bill to: (if different)										
	22		t company to es or expens tted to Xenc		np 1	1p 1	1 qr	1p 1	1 qr	np 1	b/ # of p Cont			P	arar	nete	ers	ie		Code	,	itglobal.co			P.	0					
2	2.74	Date/Time	) Xenco, its ses incurre b, but not a		×	×	×	×	X	×	×	×	×	×			в	TEX	( 802	1B						m			Devon	Dale Woodall	
1.10	121	me	affiliates 1 by the cl nalyzed. T		×	×	×	×	×	×	×	×	×	×	TP	H 80'				DRC	) + N	IRO	)							loodall	
4 10	2	R	and subco ient if suc hese term		×	×	×	×	×	×	×	X	×	×				lion	ide 4	500											
		Relinguished by: (Signature)	ntractors. h losses ar s will be ei																						A						
		hed by:	It assigns re due to c																						ANALYSIS REQUEST						
	1.0	(Signati	standard ircumstan iless previ																						IS REQ						
		Jre)	terms and ces beyon ously nego																						UEST	Delivera	Reporti	State o	Progra		
		Re	1 condition d the cont otiated.						_				_													Deliverables: EDD	Reporting:Level II Level III	State of Project:	Program: UST/PST PRP		
		ceived	rol IS																				-	-				п	PST D	×	Work
		Received by: (Signature)																								A				Work Order Comments	Work Order No:
		nature)						_	_							Na(	Zn		Nat	H <sub>3</sub> P	H <sub>2</sub> S	HCI	Coc	Nor		ADaPT	PST/UST		Brownfields	er Com	
_															Samp	DH+Asco	Acetate+	Na2S2O3: NaSO3	NaHSO4: NABIS	H <sub>3</sub> PO <sub>4</sub> : HP	H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	HCL: HC	Cool: Cool	None: NO	Prese		T DRRP		ds RRC	iments	HD.
		Date													Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	ISO3	ABIS		Na	HN	Me	D	Preservative Codes	Other:	_				2 4/5
		Date/Time													ments	1: SAPC	'n				NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H <sub>2</sub> O	Codes		Level IV		uperfund		of C

Page 125 of 136

| 1                                      | 0  | 2 0   | 0  | Z  |                       | _  | _  | Č  | 2  | X  | x  | 51  | 6  | 5   | -  | 10   | 25  
   | ž   | S. 62  | T   | S  
   
  | 0   | Re  | S  
   
  | PC   
   
  | Sa   | Pro   
   | Pro   | Pro   
  | Ph   
  | Cit  | Ad   | Co   
  | Pro  |   |  | Contraction of the local division of the loc |
|--|--|---|--|--|-----------------------|--|--|--|--|--|--|---|--|---|--|--
---|---|--|---
--
--
---|---|---
--
---
--
---	--
--
--
--
---|--|--|---|--|---
--|--|
| of Xenco. A minimum                    | f Xenco. A minimum                               | f Xenco. A minimum  | f service. Xenco will                          | otice: Signature of th   |                       |  | Addit  | 00-00  | 05-30  | CS-29  | CS-28  | CS-27   | CS-26  | CS-25   | CS-24  | CS-23  | CS-22   
   | CS-21   | Sample   | otal Containers:  | ample Custody Se   
   
  | ooler Custody Sea   | eceived Intact:   | AMPLE RECE   
   
  | 0#   
   
  | impler's Name:   | oject Location  
   | oject Number:   | oject Name:   
  | ione:  
  | y, State ZIP:  | dress:   | mpany Name:  
  | oject Manager:   |   |  |  |
| charge or \$05.00 Will                 | charge of \$85.00 will t                         | charge of \$85.00 will b  | be liable only for the c                       | his document and relin   |                       |  | tional Comment   | r  | 2  | 2  | 2  | 2   | 2  | 2   | 2  | L'Y  | 1/2   
   | x x   | Depth (ft bgs)   |   | Yes  
   
  | Yes   | (e)   |  
   
  | 2  
   
  | Ke   | Le  
   |   | Thist   
  | 432-701-2159   
  | Carlsbad, NM 8   | 209 W McKay S  | NTG Environme  
  | Ethan Sessums  | 1   | VIRONMENTAL  |  |
| or named to each                       | be applied to each                               | be applied to each  | ost of samples an                              | quishment of sam   |                       |  | S:   | 016616067  | 3/22/2024  | 3/22/2024  | 3/22/2024  | 3/22/2024   | 3/22/2024  | 3/22/2024   | 3/22/2024  | 3/22/2024  | 3/22/2024   
   | 3/22/2024   | Date   | AN NO   | NO NIA   
   
  | NO NIA  | s No  |  
   
  | 1291826  
   
  | enny Han   | a Co, NM  
   | 248363  | le Unit 71H   
  |  
  | 8220   | ot   | intal  
  |  |   |  |  |
| project mine                           | project and a                                    | project and a   | id shall not as                                | ipies constitu   | nlee constitu         |  |  |  |  |  |  |   |  |   |  |  |   
   |   | Time   | Corrected   | Temperatu  
   
  | Correction  | Thermome  | Yes No   
   
  |  
   
  |  |   
   |   |   
  |  
  |  |  |  
  |  |   |  |  |
| 1 bur Cinton                           | charge of \$5 tor                                | charge of \$5 for   | sume any respo                                 | tes a valiu puici  | tes a valid nurch     |  |  |  | ×  | ×  | ×  | ×   | ×  | ×   | ×  | ×  | ×   
   | x   | Soil   | Temperature:  | re Reading:  
   
  | Factor:   | ter ID:   | Wet Ice:   
   
  | lab, Il rece   
   
  | TAT starts the   | Due Date:   
   | X Routine   | Turn  
  | Email:   
  |  |  | | | | | | | | | | | | | | | |
  |  |   |  |  |
|  | r each sample                                    | r each sample   | reach sample                                   | insibility for an  | ase order from        |  |  |  |  |  |  |   |  |   |  |  |   
   |   | Water  |   | Q.5  
   
  | 2   | 140   | (Yes)  
   
  | Ived by 4. Jupi  
   
  | day received I   | 48hr  
   | Rush  | Around  
  | esessums   
  | City, State Z  | Address:   | Company w  
  |  | Rill to: lif diffe  |  |  |
|  | SUDILITION                                       | submitted to  | submitted to                                   | v losses or e  | 1 client compa        |  |  |  | Comp   | Comp   | Comp   | Comp  | Comp   | Comp  | Comp   | Comp   | Comp  
   | Comp  |  | +   | DI   
   
  |   |   |  
   
  |  
   
  | by the   |   
   | 0   | p.  
  | @ntglobal  
  | IP:  |  | ame.   
  | ICIII  | renti   |  |  |
| ,<br>כ                                 | Active, se                                       | Xenco, bu   | Xenco. bu                                      | xpenses in   | any to Xer            |  |  |  | -  | -  | -  | -   | -  | $\vdash$  | -  | -  | $\vdash$  
   | -   | ont  |   |  
   
  |   |   |  
   
  | ers  
   
  |  |   
   | )de   | 2   
  | .com   
  | -  |  |  
  |  | Dal   |  |  |
| ate/Tim                                |  | t not ana   | t not ana                                      | ncurred b  | ico, its af           |  |  |  |  | -  | +  | +   | +  | +   | +  | +  | +   
   | +   | т  | PH 80   |  
   
  |   |   |  
   
  | 20 +   
   
  | MRC  | <b>D</b> )  
   | +   |   
  |  
  |  |  | VOIT   
  |  | e Wood  |  |  |
| D                                      |  | lyzed. The  | yzed. The                                      | y the clien  | filiates and          |  |  |  | -  | -  | +  | +   | +  | +   | +  | +  | +   
   | +   |  |   | (  
   
  | Chlo  | ride  | 4500   
   
  | )  
   
  |  |   
   |   |   
  |  
  |  |  | | | | | | | | | | | | | | | |
  |  | all   |  |  |
| Reli                                   |  | se terms w  | se terms w                                     | t if such lo   | subcontr              |  |  |  |  |  |  | -   |  |   |  |  |   
   |   |  |   |  
   
  |   |   |  
   
  |  
   
  |  |   
   | -   |   
  |  
  |  |  |  
  |  |   |  |  |
|  |  |   | vill be enfo                                   | sses are d   | actors. It a          |  |  |  | -  | +  | +  | +   | +  | +   | +  | +  | +   
   | +   | $\vdash$   |   |  
   
  |   |   |  
   
  |  
   
  |  |   
   | +   | ANA   
  |  
  |  |  | | | | | | | | | | | | | | | |
  |  |   |  |  |
| d by: (S                               |  | rced unies  | rced unles                                     | ue to circu  | ssigns st             |  |  |  |  |  | 1  |   |  |   |  |  |   
   | T   |  |   |  
   
  |   |   |  
   
  |  
   
  |  |   
   |   | LYSIS   
  |  
  |  |  |  
  |  |   |  |  |
| ignature                               |  | s previous  | s previous                                     | Imstances  | andard ter            |  |  |  |  | _  | -  |   |  | -   | -  | +  | +   
   | +   | -  |   |  
   
  |   |   |  
   
  |  
   
  |  |   
   | +   | REQUE   
  |  
  |  | Ren  | Sta  
  | Pro  |   |  |  |
| (4)                                    |  | biy negous  | sly negotia                                    | beyond th  | ms and co             |  |  |  | -  | +  | +  | +   | +  | +   | +  | +  | +   
   | +   | -  |   |  
   
  |   |   |  
   
  |  
   
  |  |   
   | +   | ST  
  |  
  | iverables  | oorting:Le   | te of Pro  
  | aram: U  |   |  |  |
| Rece                                   |  | 104.  | ited.  | ne control   | onditions             |  |  |  |  | T  |  |   |  |   |  |  | T   
   |   |  |   |  
   
  |   |   |  
   
  |  
   
  |  |   
   |   |   
  |  
  | EDD  | evel II  | oject:   
  | ST/PST   |   |  |  |
| ived by                                |  |   |  |  |                       |  |  |  | -  | +  | +  | -   | +  | -   | _  | +  | +   
   | +   | -  |   |  
   
  |   |   |  
   
  |  
   
  |  |   
   | +   | -   
  |  
  |  | Level II   | (  
  | PRP  | Work  |  |  |
| (Signa                                 | 10inno   |   |  |  |                       |  |  |  | -  | +  | +  | +   | +  | +   | +  | +  | +   
   | +   | +  |   |  
   
  |   | но  | D  
   
  |  
   
  |  |   
   | +   | -   
  |  
  |  |  |  
  | Brow   | Order (   |  |  |
| ture)                                  | turol  |   |  |  |                       |  |  |  |  | +  | +  |   | 1  | 1   | 1  | T  | T   
   |   |  | ,   | NaOH+  
   
  | Zn Ace  | Na <sub>2</sub> S <sub>2</sub> C  | NaHSC  
   
  | H PO   
   
  | H,SO4:   | HCI - H   
   | NOTE.   |   
  |  
  |  |  | | | | | | | | | | | | | | | |
  | nfields  | omme  | Pag  |  |
|  |  |   |  |  |                       |  |  |  |  |  |  |   |  |   |  |  |   
   |   | ampie  |   | Ascorbi  
   
  | tate+Nat  | )3: NaSC  | NABIS  
   
  | Η, ·   
   
  | ÷ (  |   
   | Ċ   | eserva  
  |  
  | Other:   | TRRP   | | | | | | | | | | | | | | | |
  | RRC  | nts   | je3  |  |
| Date/                                  | Date/  |   |  |  |                       |  |  |  |  |  |  |   |  |   |  |  |   
   |   | COIIIII  |   | c Acid: S  
   
  | OH: Zn  | 3   | 0  
   
  |  
   
  | NaOH   | HNO <sup>3</sup>  
   |   | IVE CO  
  |  
  |  | Lev  | | | | | | | | | | | | | | | |
  | upe  |   | of   |  |
| Tim                                    | Timp   |   |  |  |                       |  |  |  |  |  |  |   |  |   |  |  |   
   |   | GIIC   | -   | AP   
   
  |   |   |  
   
  |  
   
  | N  | H   
   |   | ue:   
  | 2  
  |  | ell  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
  | fu   |   | 2  |  |
| I Inter I Nellinuisited by (Cignature) | ished by: (Signature)   Received by: (Signature) | Determine Relinquished by: (Signature) Determine Determine Relinquished by: (Signature) Date/Time | ished by: (Signature) Received by: (Signature) | enforced unless previously negotiated.<br>(Shed by: (Signature) Received by: (Signature) | eived by: (Signature) | s. It assigns standard terms and conditions<br>are due to circumstances beyond the control<br>enforced unless previously negotiated.<br>(Sherd by: (Signature) | s. It assigns standard terms and conditions<br>are due to circumstances beyond the control<br>enforced unless previously negotiated.<br>(shed by: (Signature) Received by: (Signature) | s. It assigns standard terms and conditions<br>are due to circumstances beyond the control<br>enforced unless previously negotiated.<br>(Signature) Received by: (Signature) | Additional Comments: Additional Comments: Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Received by: (Signature) | CS-30       2       3/22/2024       X       Comp       1       X       X       X         Additional Comments:       Additional Comments:       Additional Comments:       Additional Comments:       Additional Comments:       Image: Complex and company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions         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 service. Xenco 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.         Or 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.         On the or Xenco       Received by: (Signature) | CS-29       2       3/22/2024       x       Comp       1       X       X       X         CS-30       2       3/22/2024       x       Comp       1       X       X       X       Image: Standard Standa | CS-28       2       3/22/2024       x       Comp       1       X       X       X         CS-29       2       3/22/2024       x       Comp       1       X | CS-27       2       3/22/2024       ×       Comp       1       X       X         CS-28       2       3/22/2024       ×       Comp       1       X       X       Image: Comp       Image: Com | CS-26       2       3/22/2024       ×       Comp       1       X       X       A         CS-27       2       3/22/2024       ×       Comp       1       X       X       A | CS-25       2       3/22/2024       ×       Comp       1       X       X       ×       i       i       × | CS-24       2       3/22/2024       ×       Comp       1       X       X       I       I       I       X       X | CS-23       1/2       3/2/2024       ×       Comp       1       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       I       I       I       X       I       I       I       X       I       I       I       X       I       I       I       X       I       I       I       X       I       I | CS-22       V2       3/22/2024       ×       Comp       1       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       X       I       I       I       X       I       I       I       X       I       I       I       X       I       I       I       X       I       I       I       X       I       I       I       X       I       I | $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | Sample<br>Identification         Depth (ft bgs)         Date         Time         Soil         Water         Comp         End         F | Trade Containers:       Ar Max       Connected Temperature       Her       Her       Her       Her       Her       Her       Sample Cont       Her       Sample Cont       Her       Sample Cont       Her       Her <th< td=""><td>Sample Custory Seals:       Yes       No.       Number of the preventure Reading.       Number of the preventure reading reading.       Number of the prevent</td><td>Cooper Custody Seals:       Yes       No. (WA)       Correction Factor       End       Concernances       End       Concernances       End       Concernance       Concernance&lt;</td><td>Received Inact         (till)         <th< td=""><td>SAMPLE RECEIPT         Trang Blank         Yes         Vol.         Well corr         Viss         No         With correction flator         Parameter           Sample Custody Seals         Yes         No         With correction flator         Parameter         <t< td=""><td>Op #     2109 (cold)     Mail ( number of sample<br/>(collar Clastody Sala)     Mail ( number of sample<br/>(collar Clastody Sala)     No     Number of sample<br/>(collar Clastody Sala)     Numbe</td><td>Samplers Name:         Kenny Han         I'it faits the regional of p 4300 mb         I'it faits the regional of p 4300 mb         High Ch         High C</td><td>Project Location         Lea Co, NM         Due Date         Vis/<br/>Last         Inclusion         Name         Name</td><td>Project Number         24333         Note         Value         Control         Contro         <th< td=""><td>Physici Name         Timit Unit 71H         Tim Acquid         Visit Mark         Tim Acquid         Visit Mark         Control         <th< td=""><td>System         422-701-2159         Train August<br/>Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Rese</td><td>Subscription         Cardisball, MN 68220         Enail lassums@introblet.com         Deliver.introduction         Deliver.in</td><td>Statement         Construct of the state of the st</td><td>Contrastly Name         Ord Environmental         Contrastly Name         Contrast</td><td>Original Multiplication         Online Multiplication         Online Multiplication         Open Multiplicati</td><td>Toget Name         Ethan Sesama         Bulk pranework         Bulk pranework         Daie Woodal         Woodal         Comments         Co</td><td></td></th<></td></th<></td></t<></td></th<></td></th<> | Sample Custory Seals:       Yes       No.       Number of the preventure Reading.       Number of the preventure reading reading.       Number of the prevent | Cooper Custody Seals:       Yes       No. (WA)       Correction Factor       End       Concernances       End       Concernances       End       Concernance       Concernance< | Received Inact         (till)         (till) <th< td=""><td>SAMPLE RECEIPT         Trang Blank         Yes         Vol.         Well corr         Viss         No         With correction flator         Parameter           Sample Custody Seals         Yes         No         With correction flator         Parameter         <t< td=""><td>Op #     2109 (cold)     Mail ( number of sample<br/>(collar Clastody Sala)     Mail ( number of sample<br/>(collar Clastody Sala)     No     Number of sample<br/>(collar Clastody Sala)     Numbe</td><td>Samplers Name:         Kenny Han         I'it faits the regional of p 4300 mb         I'it faits the regional of p 4300 mb         High Ch         High C</td><td>Project Location         Lea Co, NM         Due Date         Vis/<br/>Last         Inclusion         Name         Name</td><td>Project Number         24333         Note         Value         Control         Contro         <th< td=""><td>Physici Name         Timit Unit 71H         Tim Acquid         Visit Mark         Tim Acquid         Visit Mark         Control         <th< td=""><td>System         422-701-2159         Train August<br/>Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Rese</td><td>Subscription         Cardisball, MN 68220         Enail lassums@introblet.com         Deliver.introduction         Deliver.in</td><td>Statement         Construct of the state of the st</td><td>Contrastly Name         Ord Environmental         Contrastly Name         Contrast</td><td>Original Multiplication         Online Multiplication         Online Multiplication         Open Multiplicati</td><td>Toget Name         Ethan Sesama         Bulk pranework         Bulk pranework         Daie Woodal         Woodal         Comments         Co</td><td></td></th<></td></th<></td></t<></td></th<> | SAMPLE RECEIPT         Trang Blank         Yes         Vol.         Well corr         Viss         No         With correction flator         Parameter           Sample Custody Seals         Yes         No         With correction flator         Parameter         Parameter <t< td=""><td>Op #     2109 (cold)     Mail ( number of sample<br/>(collar Clastody Sala)     Mail ( number of sample<br/>(collar Clastody Sala)     No     Number of sample<br/>(collar Clastody Sala)     Numbe</td><td>Samplers Name:         Kenny Han         I'it faits the regional of p 4300 mb         I'it faits the regional of p 4300 mb         High Ch         High C</td><td>Project Location         Lea Co, NM         Due Date         Vis/<br/>Last         Inclusion         Name         Name</td><td>Project Number         24333         Note         Value         Control         Contro         <th< td=""><td>Physici Name         Timit Unit 71H         Tim Acquid         Visit Mark         Tim Acquid         Visit Mark         Control         <th< td=""><td>System         422-701-2159         Train August<br/>Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Rese</td><td>Subscription         Cardisball, MN 68220         Enail lassums@introblet.com         Deliver.introduction         Deliver.in</td><td>Statement         Construct of the state of the st</td><td>Contrastly Name         Ord Environmental         Contrastly Name         Contrast</td><td>Original Multiplication         Online Multiplication         Online Multiplication         Open Multiplicati</td><td>Toget Name         Ethan Sesama         Bulk pranework         Bulk pranework         Daie Woodal         Woodal         Comments         Co</td><td></td></th<></td></th<></td></t<> | Op #     2109 (cold)     Mail ( number of sample<br>(collar Clastody Sala)     Mail ( number of sample<br>(collar Clastody Sala)     No     Number of sample<br>(collar Clastody Sala)     Numbe | Samplers Name:         Kenny Han         I'it faits the regional of p 4300 mb         I'it faits the regional of p 4300 mb         High Ch         High C | Project Location         Lea Co, NM         Due Date         Vis/<br>Last         Inclusion         Name         Name | Project Number         24333         Note         Value         Control         Contro <th< td=""><td>Physici Name         Timit Unit 71H         Tim Acquid         Visit Mark         Tim Acquid         Visit Mark         Control         <th< td=""><td>System         422-701-2159         Train August<br/>Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Rese</td><td>Subscription         Cardisball, MN 68220         Enail lassums@introblet.com         Deliver.introduction         Deliver.in</td><td>Statement         Construct of the state of the st</td><td>Contrastly Name         Ord Environmental         Contrastly Name         Contrast</td><td>Original Multiplication         Online Multiplication         Online Multiplication         Open Multiplicati</td><td>Toget Name         Ethan Sesama         Bulk pranework         Bulk pranework         Daie Woodal         Woodal         Comments         Co</td><td></td></th<></td></th<> | Physici Name         Timit Unit 71H         Tim Acquid         Visit Mark         Tim Acquid         Visit Mark         Control         Control <th< td=""><td>System         422-701-2159         Train August<br/>Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Reserved for the<br/>sempler Summe         Train August Rese</td><td>Subscription         Cardisball, MN 68220         Enail lassums@introblet.com         Deliver.introduction         Deliver.in</td><td>Statement         Construct of the state of the st</td><td>Contrastly Name         Ord Environmental         Contrastly Name         Contrast</td><td>Original Multiplication         Online Multiplication         Online Multiplication         Open Multiplicati</td><td>Toget Name         Ethan Sesama         Bulk pranework         Bulk pranework         Daie Woodal         Woodal         Comments         Co</td><td></td></th<> | System         422-701-2159         Train August<br>Reserved for the<br>sempler Summe         Train August Reserved for the<br>sempler Summe         Train August Reserved for the<br>sempler Summe         Train August Reserved for the<br>sempler Summe         Train August Rese | Subscription         Cardisball, MN 68220         Enail lassums@introblet.com         Deliver.introduction         Deliver.in | Statement         Construct of the state of the st | Contrastly Name         Ord Environmental         Contrastly Name         Contrast | Original Multiplication         Online Multiplication         Online Multiplication         Open Multiplicati | Toget Name         Ethan Sesama         Bulk pranework         Bulk pranework         Daie Woodal         Woodal         Comments         Co |  |

Page 126 of 136



Chain of Custody

	INTG												1			Work	Ord	Work Order No:		Page	4	of		Page 55 of 56
	hon Concime				Bill to: (if differer	nt	Dale	Dale Woodall									Work	Work Order Comments	- Com	ment	0			
	NTC Environmental				Company Name	ne:	Devon						P	Program: UST/PST PRP	: UST	PST [	PRP		Brownfields	s	RRC	up	uperfund	
y INGILIC.	209 W McKav St				Address:								s	State of Project:	Projec	) 						-		
City, State ZIP: C	Carlsbad, NM 88220	220			City, State ZIP	Ŷ							R	Reporting:Level II Level III	g:Leve		_evel		LPSI/USI		Othor			
	432-701-2159	×		Email:	esessums@ntglobal.com	ntglobal.co	m							Deliverables.	Dies.			200			Conce.			
Project Name:	Thistle	Thistle Unit 71H		Turn	Turn Around				-	-	ANAL	ANALYSIS REQUEST	REQUI	TSE	-	-	-	-		Pres	Preservative Codes	ive C	odes	,
Project Number:	2	248363	0	X Routine	Rush	Code			-	+			+	+	+	+	+	+	No	None: NO			DI Water: H20	Č
Project Location	Lea	Lea Co, NM	D	Due Date:	48hr			D)			-						-		HC CO	COOI: COOI	-	NHO	HNO <sup>2</sup> : HN	
Sampler's Name:	Ker	Kenny Han		FAT starts the	TAT starts the day received by the	the		MRC											H	H,SO4: H,		NaO	NaOH: Na	
PO #	21	291826		IdD, II Tevel	Neu by t.oupin			RO +	0										Ļ,	H,PO,: HP	U			
SAMPLE RECEIPT		r.	Yes NO Wet Ice	Wet Ice:	Yes) No	ame	021B	) + DF	e 450									DLD		HSO4:	NaHSO4: NABIS			
Cooler Custody Seals:	Yes N	NO NIA	Correction Factor	actor.	(	Pa	TEX	(GR	hlorid									μ		2S203:	Na2S2O3: NaSO3	3		
Sample Custody Seals	Yes	NIA	Temperature Reading:	e Reading:	250		E	015M	С										Na	OH+As	NaOH+Ascorbic Acid: SAPC	Acid:	SAPC	
Total Containers:		2 49	Corrected T	Corrected Temperature:		+		PH 80																
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water Co	Comp Cont		т		-				-		+	+	-		Sar	Sample Comments	omn	nents	
CS-31	2	3/22/2024		×	C	Comp 1	×	×	×	+	+		1	+	+	+	+	+	+					
Z CS-32	2	3/22/2024		×	0 0		< ×	< ×	< ×	+	+			+	+	+	+	+	+					
CS-33	2	3/22/2024		×			< >	< >	< >	+	+		$\downarrow$	$\downarrow$	$\downarrow$	+	+	+	+					
4 CS-34	2	3/22/2024		×			< >	< >	< >	+	+			+	_	_	+	+	+					
35 CS-35	2	3/22/2024		×		Comp 1	× >	× >	× >	+	+			_		-	-	-	-					
CS-36	2	512212024		,			×	×	×	+	+			4	_	-	_	_	_					
	0-3	3/22/2024		××	0 0	Comp 1	××	××	×	-	+			_	_	-								
CIVI 2	0-4	3/22/2024		×	0	Comp 1	×	×	×									-	-					
50 SW-4	0-4	3/22/2024		×	0	Comp 1	×	×	×	-	$\vdash$													
	Additional Comments:																							
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontract Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontract 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 losse of service. Xenco will be liable only for the cost of samples and shall not assume of \$5 for each sample submitted to Xenco, but not analyzed. These terms will	gnature 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 gnature of this document and relinquishment 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 . 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 . 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 .	uishment of samp st of samples and	les constitute	ume any respon-	ase order from c nsibility for any l reach sample su	lient company losses or expe	to Xenco inses incu nco, but n	, its affili Irred by t ot analyz	ates and s he client i ed. These	ubcontra f such los terms wil	tors. It a ses are du be enfor	ors. It assigns standard terms and conditions es are due to circumstances beyond the contro be enforced unless previously negotiated.	indard t imstanci s previo	erms an es beyor usly neg	d condi nd the c potiated.	ontrol								
Relinquished by: (Signature)	: (Signature)	-	Received	Received by: (Signature)	turel 1	/	Date	Date/Time		Relin	Relinquished by: (Signature)	d by: (S	ignatu	re)		Receiv	red by	Received by: (Signature)	nature			Date	Date/Time	
1 Mr		6	11/13/10	all h	1040	n.	20-04	176	30															
ω				(						σ +														
עז							1			0											Revised	Date 05		ed Date 05012020 Rev. 2020

Chain of Custody



Page 127 of 136

		- 4 N	001	5. Job Jt	CN C	Q	Want	NI all	1114		In
		1.1	15/1	2	1	11		INCOLUMN I	h	y. (olgilatule)	Reilliquistied by: (Signature)
Date/Time	) Received by: (Signature)	Relinguished by: (Signature)	ime	Date/Time			Deceived hv: (Signature)	Deceived	1	- (Cianatura)	
	ns and conditions beyond the control ly negotiated.	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.	s affiliates and t d by the client i analyzed. These	o Xenco, its ses incurre o, but not a	company t s or expen ed to Xenc	der from client ty for any losse sample submitt	a valid purchase on me any responsibilit narge of \$5 for each	les constitutes shall not assu	uishment of samp st of samples and applied to each p	document and relinque liable only for the contract the contract of \$85.00 will be	Notice: Signature of this of service. Xenco will be of Xenco. A minimum ch
								a a a		Additional Comments:	Additi
Manna robalsin			A A A		I L	Comp	*		3/22/2024	1-2	-SW-14
			+	×	-	Comp	×		3/22/2024	2-4	SW-13
			+	×	-	Comp	×		3/22/2024	2-424	SW-12
			-	×		Comp	×		3/22/2024	3-4	SW-11
			+	×	1	Comp	×		3/22/2024	0-3	SW-10
			+	×		Comp	×		3/22/2024	0-4	SM-9
			-	×	1	Comp	×		3/22/2024	10,0-0	SW-8
			××	×	1	Comp	×		3/22/2024	0-2	SM-2
			××	×	-	Comp	×		3/22/2024	0-2	8-MS
			-	×	-	Comp	×		3/22/2024	0-2	SW-5
Sample Comments					# of Cont	Water Comp	Soil Wa	Time	Date	Depth (ft bgs)	Sample Identification
			H 80				emperature:	Corrected Temperature:	2 44		Total Containers:
NaOH+Ascorbic Acid: SAPC	NaOH+					JUNE	Reading:	Temperature Reading	C	Yes	Sample Custody Seals
To Acotato+NaOH: 7n	_			BTE	F		actor:	Correction Factor:	NO (NIA)	Yes	Cooler Custody Seals:
NarSon NaSon	HOL			X 80	Para	140	r ID:	Thermometer ID:	No	Xes	Received Intact:
NARIC			+ DR 4500	21B	met	Yes No	Wet Ice:	Yes NO	Temp Blank:		SAMPLE RECEIPT
J	12004				ers	y +.Jupin	IdD, II TECEIVED D		21291826	21	PO #.
H NaOH Na			MR			eceived by the	TAT starts the day received by the	_	Kenny Han	Ke	Sampler's Name:
<u>v</u>	Cool: Cool		)			48hr	Due Date: 4	D	Lea Co, NM	Lea	Project Location
	None: NO				Code	Rush	X Routine		248363	2	Project Number:
ervati		ANALYSIS REQUEST			Droe	und	Turn Around		Thistle Unit 71H	Thistl	Project Name:
				3	lobal.co	Email: esessums@ntglobal.com	Email: eses			432-701-2159	Phone:
	ADapt					City, State ZIP:	City,		3220	Carlsbad, NM 88220	City, State ZIP:
	Level III PST/UST	Ren				622.	Audiess			209 W MCKay St	Address:
		Sta					Add				y INdilia.
RRC uperfund	Program: UST/PST PRP Brownfields	Pro		Devon		Company Name:	Com		ntal	NTG Environmental	
nts	Work Order Comments		oodall	Dale Woodall		Bill to: (if different)	Bill to			Ethan Sessums	Project Manager:
94/5/15 3e_5_0fe	Work Order No: HD									NTG	

Page 128 of 136

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

District III

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

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

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

QUESTIONS

Action 327558

QUESTION	NS
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	327558
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2403629407
Incident Name	NAPP2403629407 THISTLE UNIT #071H @ 30-025-42425
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-42425] THISTLE UNIT #071H

## Location of Release Source

Please answer all the questions in this group.	
Site Name	THISTLE UNIT #071H
Date Release Discovered	02/04/2024
Surface Owner	State

### Incident Details

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

#### Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Fitting   Crude Oil   Released: 22 BBL   Recovered: 10 BBL   Lost: 12 BBL.	
Produced Water Released (bbls) Details	Not answered.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
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)	LO ARIVED ON LOCATION AND FOUND 1/4 NIPPLE LEAKING FROM THE THREADS ON PUMPING T. LO SHUT OFF PUMPING UNIT AND SHUT VALVES TO STOP LEAK. LO THEN REPLACED THE NIPPLE WITH A PLUG AND PUT THE UNIT BACK IN SERVICE. 22 BBLS OIL SPILLED. 10 BBLS RECOVERED	

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

District III

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

District IV

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

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

Page 130 of 136

QUESTIONS, Page 2

Action 327558

QUESTIONS (continued)	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	327558
	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.
I	Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
	Reasons why this would be considered a submission for a notification of a major release	Unavailable.
l	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.

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ed 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.	
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	

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

District III

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

District IV

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

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

QUESTIONS, Page 3

Action 327558

Page 131 of 136

QUESTIONS (continued)	
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	327558
	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)	Less than or equal 25 (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	Νο	

#### Remediation Plan

	that apply or are indicated. This information must be provided t	
Requesting a remediation	n plan approval with this submission	Yes
Attach a comprehensive report d	emonstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertic	cal extents of contamination been fully delineated	Yes
Was this release entirely	contained within a lined containment area	No
Soil Contamination Samplin	g: (Provide the highest observable value for each, in n	nilligrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	13200
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	81540
GRO+DRO	(EPA SW-846 Method 8015M)	72200
BTEX	(EPA SW-846 Method 8021B or 8260B)	710
-		
Benzene	(EPA SW-846 Method 8021B or 8260B)	34.1
Per Subsection B of 19.15.29.11	, , , , , , , , , , , , , , , , , , ,	34.1 ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
Per Subsection B of 19.15.29.11 which includes the anticipated ti	NMAC unless the site characterization report includes complete	
Per Subsection B of 19.15.29.11 which includes the anticipated ti On what estimated date w	NMAC unless the site characterization report includes complete melines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA
Per Subsection B of 19.15.29.11 which includes the anticipated ti On what estimated date w On what date will (or did)	NMAC unless the site characterization report includes complete melines for beginning and completing the remediation. vill the remediation commence	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 03/11/2024
Per Subsection B of 19.15.29.11 which includes the anticipated ti On what estimated date w On what date will (or did) On what date will (or was)	NMAC unless the site characterization report includes complete melines for beginning and completing the remediation. vill the remediation commence the final sampling or liner inspection occur	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 03/11/2024 03/25/2024
Per Subsection B of 19.15.29.11 which includes the anticipated ti On what estimated date w On what date will (or did) On what date will (or was) What is the estimated sur	NMAC unless the site characterization report includes complete melines for beginning and completing the remediation. vill the remediation commence the final sampling or liner inspection occur ) the remediation complete(d)	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 03/11/2024 03/25/2024 03/29/2024
Per Subsection B of 19.15.29.11 which includes the anticipated ti On what estimated date w On what date will (or did) On what date will (or was) What is the estimated sur What is the estimated volu	NMAC unless the site characterization report includes complete melines for beginning and completing the remediation. vill the remediation commence the final sampling or liner inspection occur ) the remediation complete(d) face area (in square feet) that will be reclaimed	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NM/ 03/11/2024 03/25/2024 03/29/2024 0
Per Subsection B of 19.15.29.11 which includes the anticipated ti On what estimated date w On what date will (or did) On what date will (or was) What is the estimated sur What is the estimated volu What is the estimated sur	NMAC unless the site characterization report includes complete melines for beginning and completing the remediation. vill the remediation commence the final sampling or liner inspection occur ) the remediation complete(d) face area (in square feet) that will be reclaimed ume (in cubic yards) that will be reclaimed	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMA 03/11/2024 03/25/2024 03/29/2024 0 0

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

District III

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

District IV

## **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 327558

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462		
OUEST		
QUES IN	ONS (continued)	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	327558	
	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	annronriate 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		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.	
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and <b>on-site</b> 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.)	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 efi which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
to report and/or file certain release notifications and perform corrective actions for relea 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 ases 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	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 03/28/2024	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in according significantly deviate from the remediation plan proposed, then it should consult with the division to divisi	ordance with the physical realities encountered during remediation. If the responsible party has any need to letermine if another remediation plan submission is required.	

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

District III

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

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

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

QUESTIONS, Page 5

Action 327558

QUESTIONS (continued)	
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 327558
	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	Νο	

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

District III

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

District IV

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

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

QUESTIONS, Page 6

Action 327558

QUESTIONS (continued)		
Operator:	OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	327558	
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	324613
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/22/2024
What was the (estimated) number of samples that were to be gathered	35
What was the sampling surface area in square feet	6500

**Remediation Closure Request** 

Only answer the questions in this group if seeking remediation closure for this release because all re	emediation 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	6644
What was the total volume (cubic yards) remediated	697
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	6644
What was the total volume (in cubic yards) reclaimed	697
Summarize any additional remediation activities not included by answers (above)	see report
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of
to report and/or file certain release notifications and perform corrective actions for releat the OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report	knowledge and understand that pursuant to OCD rules and regulations all operators are required ses 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 ally restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed

ior 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
I hereby agree and sign off to the above statement	Title: EHS Professional
······································	Emerily Dela Waadall@dvm.aam

Email: Dale.Woodall@dvn.com

Date: 03/28/2024

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

District III

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

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

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

QUESTIONS, Page 7

Action 327558

Page 135 of 136

QUESTIONS (continued)		
Operator: DEVON ENERGY PRODUCTION COMPANY, LP	OGRID: 6137	
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 327558	
	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

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

District III

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

District IV

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

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

Page 136 of 136

CONDITIONS

Action 327558

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	327558
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	5/10/2024
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/10/2024