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April 7, 2025

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

Re: Incident Deferral Report Caza Operating, LLC Forehand Ranch 27 State Com #001H Unit B, Section 27, Township 23S, Range 27E Site Coordinates: 32.2825584, -104.1757355 Eddy County, New Mexico Incident ID: nJMW1301656219 & nAB1611050323

Introduction

NTG Environmental, LLC (NTGE), on behalf of Caza Operating, LLC (Caza), submits this Incident Deferral Report to the New Mexico Oil Conservation Division (NMOCD). This report provides documentation of initial soil delineation, sampling analysis, and remediation activities conducted to date in the affected areas at the Forehand Ranch 27 State Com #001H (Site). The Site is in Unit Letter B, Section 27, of Township 23 South and Range 27 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.2825584° N Latitude and -104.1757355° W Longitude. The Site location with respect to the nearest town is shown on Figure 1 and the topography of the area is shown on Figure 2.

Background

Based on the initial C-141 (nJMW1301656219) submitted by Caza and obtained by the New Mexico Oil Conservation District (NMOCD), the release was discovered on December 23, 2012. The release was the result of a tank overflowing, resulting in the release of sixty-two (62) barrels (bbls) of produced water, of which fifty-five (55) bbls were recovered and eight (8) bbls of crude oil, of which five (5) bbls were recovered. Upon discovery the well was shut-in, and the area was secure. The release area is shown in Figure 3.

Based on the initial C-141 (nAB1611050323) submitted by Caza and obtained by the New Mexico Oil Conservation District (NMOCD), the release was discovered on April 17, 2016. The release was the result of an equipment failure, resulting in the release of thirty (30) barrels (bbls) of crude oil, of which zero (0) bbls were recovered. Upon discovery the well was shut-in, and the area was secure. The release area is shown in Figure 3.

Creating a Better Environment For Oil & Gas Operations

Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water sources within a ¹/₂-mile radius of the Site. Groundwater determination bore C-00518-Pod2 was drilled in 2008 with a depth to groundwater of nighty-eight (98) foot below ground surface (ft bgs). 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 High Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) is attached to the report.

NTGE commissioned Southwest Geophysical Consulting, LLC to conduct an environmental karst survey. The survey showed there are no surface karst features within 200 foot of the release and the area is within stable ground. The survey is attached to the report.

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

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Stable Ground	98'

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	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation, and Re- Vegetation (<4 feet bgs)	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	10,000 mg/kg	2,500 mg/kg	1000 mg/kg	50 mg/kg	10 mg/kg
Notes: = not defined					

Site Assessment Activities

On January 16, 2025, NTGE conducted site assessment activities to determine the extent of the release impact. A total of ten (10) vertical sample points (i.e., V-1 and V-10) were installed at depths ranging from zero to eleven and a half (0-10.5) foot below ground surface (ft bgs). As well as six (6) horizontal sample points were installed at depths ranging from zero to half a (0-0.5) foot bgs.



Site assessment activities were conducted to fully characterize and delineate the extent of impacts resulting from the release. Soil samples were collected from the Site using a backhoe and submitted to an accredited laboratory for chemical analysis. All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (by EPA SM4500-C1B). The combined analytical results of the Site assessment activities are provided in Table 1. Soil sample locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached. Analytical results from the initial assessment activities identified elevated TPH and/or chloride concentrations at the following sample points: V-1, V-2, V-3, V-7 and V-9. Analytical results of all the remaining samples were below the NMOCD regulatory limits for all analytes.

Excavation, Waste Management and Confirmation Sampling

Based on the Site assessment activities, Caza proceeded with the remedial action activities at the Site to include the excavation and disposal of impacted soils above NMOCD regulatory limits. The Site was excavated to a depth of four (4) ft bgs. Upon completion of the excavation, confirmation samples were collected from the excavation's sidewalls and base. The confirmation samples were collected in accordance with the one sample per 200 square feet (sq ft) guideline established in the NMOCD regulatory criteria.

On February 21, 2025, a total of one hundred and fifty-seven (157) confirmation samples were collected. One hundred and thirty-six (136) confirmation samples (i.e., CS-1 - CS-136) were collected from the excavation base as well as twenty-one (21) confirmation samples (i.e., SW-1 - SW-21) were collected from the excavation sidewalls. Analytical results indicated confirmation sample SW-18 exhibited chloride concentrations above NMOCD Table 1 Closure Criteria.

The excavation extent, excavation depths, and confirmation sample locations are shown on Figure 4. A total of approximately 4,000 cubic yards (yd³) of impacted soil were excavated and transported to a permitted disposal facility. All soil samples were analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (EPA method 300.0/SM 4500Cl⁻B). Copies of laboratory analysis and chain-of-custody documentation are attached. The analytical results are summarized in Table 2.

Deferral Request

Based on the assessment and subsequent remedial action activities, the Site is compliant with NMOCD's regulatory requirements, except for the areas of SW-19. Further remediation in the area was not possible without causing major facility deconstruction. Caza formally requests a deferral for the Site (nJMW1301656219 & nAB1611050323). If you have any questions regarding this report or need additional information, please contact us at (832) 374-0004.



Sincerely, NTG Environmental

Killen Sutt

Kellan Smith Project Manager

Attachments:

Tables Figures Site Characterization Information Photographic Log Laboratory Reports



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Tables



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Image: strate in the	Sample ID	Sample Date	•	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX					GRO/DRO/MRO	Chloride
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1/16/2025 2-2.5' <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.0														,
V-4 1/16/2025 3-3.5' <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050<														
1/16/2025 4-4.5' <0.050 <0.050 <0.050 <0.050 <0.050 <0.030 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0	V-4													
1/16/2025 55.5' <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.05														
1/16/2025 0-0.5' <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.050 <0.0														
1/16/2025 1-1.5' <0.050 <0.050 <0.050 <0.150 <0.300 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0														
V-5 <u>1/16/2025</u> 2-2.5' <0.050 <0.050 <0.050 <0.150 <0.300 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 96.0														
	V-5													
		1/16/2025			< 0.050			< 0.300						

Table 1 Summary of Soil Analytical Data - Delineation Samples Forehand Ranch 27 State Com #001 Caza Operating, LLC Eddy 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 Closure Cri	teria for Soil 5	1-100 feet D	epth to Gro	undwater 19.15	.29 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
	1/16/2025	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	1/16/2025	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
	1/16/2025	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
V-6	1/16/2025	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.2	12.2	<10.0	12.2	224
	1/16/2025	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	1/16/2025	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	1/16/2025	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,000
	1/16/2025	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	668
V-7	1/16/2025	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
	1/16/2025	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
	1/16/2025	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	1/16/2025	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.3	22.3	<10.0	22.3	208
	1/16/2025	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
V-8	1/16/2025	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.7	11.7	<10.0	11.7	224
	1/16/2025	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
	1/16/2025	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
	1/16/2025	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,440
	1/16/2025	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,730
V-9	1/16/2025	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	864
	1/16/2025	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
	1/16/2025	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	1/16/2025	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	1/16/2025	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
V-10	1/16/2025	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
	1/16/2025	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
	1/16/2025	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
					Horizo	ontal Delinea	tion Samples						
H-1	1/16/2025	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
H-2	1/16/2025	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192.0
H-3	1/16/2025	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	1/16/2025	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	1/16/2025	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
H-6	1/16/2025	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272.0

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

1. Values reported in mg/kg

2.< = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

Sample Point Excavated

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

5. TPH analyses by EPA Method SW 8015 Mod.

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

Table 2 Summary of Soil Analytical Data - Confirmation Samples Forehand Ranch 27 State Com #001 Caza Operating, LLC Eddy 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 Closure Cri	teria for Soil	51-100 feet	t Depth to G	roundwater 19.	15.29 NMAC	1	
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
							tion Sample						
CS-1	2/21/2025	4' 4'	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0 <10.0	<10.0	<10.0	720
CS-2 CS-3	2/21/2025 2/21/2025	4	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0	<10.0 <10.0	<10.0 <10.0	336 336
CS-4	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-5	2/21/2025	4'	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
CS-6	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,380
CS-7	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-8	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-9	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,320
CS-10	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-11	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-12 CS-13	2/21/2025 2/21/2025	4' 4'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	2,400
CS-13	2/21/2025	4	<0.050	<0.050	< 0.050	<0.150	<0.300 <0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,410 368
CS-15	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,710
CS-16	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-17	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-18	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,100
CS-19	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-20	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
CS-21	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-22	2/21/2025	4'	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-23 CS-24	2/21/2025 2/21/2025	4' 4'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	672 128
CS-25	2/21/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
CS-26	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
CS-27	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
CS-28	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	768
CS-29	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	944
CS-30	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	816
CS-31	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	816
CS-32	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
CS-33 CS-34	2/21/2025 2/21/2025	4' 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	752
CS-34 CS-35	2/21/2025	4'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	784 816
CS-35	2/21/2025	4 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
CS-37	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
CS-38	2/21/2025	4'	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	880
CS-39	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720

Table 2 Summary of Soil Analytical Data - Confirmation Samples Forehand Ranch 27 State Com #001 Caza Operating, LLC Eddy County, New Mexico

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 Closure Cri	teria for Soil	51-100 fee	t Depth to G	oundwater 19.	15.29 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
CS-40	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	752
CS-41	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
CS-42	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
CS-43	2/21/2025	4'	< 0.050	< 0.050	< 0.050	< 0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-44	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
CS-45 CS-46	2/21/2025 2/21/2025	<u>4'</u> 4'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	688 688
CS-46 CS-47	2/21/2025	4	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720
CS-47 CS-48	2/21/2025	4 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720
CS-48	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
CS-50	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
CS-51	2/21/2025	4'	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
CS-52	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	768
CS-53	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
CS-54	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
CS-55	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
CS-56	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.0	11.0	10.2	21.2	624
CS-57	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
CS-58	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
CS-59	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
CS-60	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
CS-61	2/21/2025	4' 4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
CS-62 CS-63	2/21/2025 2/21/2025	4	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	688 784
CS-64	2/21/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672
CS-65	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
CS-66	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	816
CS-67	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	752
CS-68	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
CS-69	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
CS-70	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720
CS-71	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720
CS-72	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
CS-73	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
CS-74	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-75	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
CS-76	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-77	2/21/2025	<u>4'</u> 4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-78 CS-79	2/21/2025	4' 4'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
LS-79	2/21/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352

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 Closure Cri	teria for Soil	51-100 feet	t Depth to G	roundwater 19.	15.29 NMAC	, , , , , , , , , , , , , , , , , , , ,	
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
CS-80	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-81	2/21/2025	4'	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-82	2/21/2025	4' 4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-83 CS-84	2/21/2025 2/21/2025	4	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	336 336
CS-84 CS-85	2/21/2025	4	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-86	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-87	2/21/2025	4'	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-88	2/21/2025	4'	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-89	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-90	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-91	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
CS-92	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-93	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-94	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
CS-95	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
CS-96	2/21/2025	4'	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
CS-97	2/21/2025	4' 4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-98 CS-99	2/21/2025 2/21/2025	4	<0.050	<0.050 <0.050	<0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	112 160
CS-99 CS-100	2/21/2025	4	<0.050 <0.050	<0.050	<0.050 <0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-100	2/21/2025	4 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-101	2/21/2025	4'	< 0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-103	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-104	2/21/2025	4'	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-105	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-106	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-107	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-108	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-109	2/21/2025	4'	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-110	2/21/2025	4'	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-111	2/21/2025	4'	< 0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-112 CS-113	2/21/2025 2/21/2025	4' 4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-113 CS-114	2/21/2025	4	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	160 176
CS-114 CS-115	2/21/2025	4	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-115	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-117	2/21/2025	4'	<0.050	<0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-118	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-119	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144

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)
				r	Table	I Closure Cri	teria for Soil	51-100 feet	t Depth to G	oundwater 19.	15.29 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg
CS-120	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-121	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-122	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-123	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-124	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-125 CS-126	2/21/2025 2/21/2025	<u>4'</u> 4'	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	304 272
CS-126 CS-127	2/21/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
CS-127 CS-128	2/21/2025	4	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464 416
CS-128 CS-129	2/21/2025	4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	418
CS-125 CS-130	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-131	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-132	2/21/2025	4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-133	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
CS-134	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
CS-135	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-136	2/21/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
					Side	wall Confirn	nation Samp	les					
SW-1	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
SW-2	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
SW-3	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
SW-4	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SW-5	2/21/2025	0-4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-6 SW-7	2/21/2025	0-4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
-	2/21/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300 <0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-8 SW-9	2/21/2025 2/21/2025	0-4	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	80.0 240
SW-9 SW-10	2/21/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-10	2/21/2025	0-4	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-12	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-13	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-14	2/21/2025	0-4'	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-15	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-16	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-17	2/21/2025	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-18	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,000
SW-19	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
SW-20	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
SW-21	2/21/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624

Table 2 Summary of Soil Analytical Data - Confirmation Samples Forehand Ranch 27 State Com #001 Caza Operating, LLC Eddy County, New Mexico

				Toluene E	Ethylbenzene								
Sample ID	Sample Date	Depth	Benzene			Xylenes		GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
	-	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	I Closure Cri	teria for Soil	51-100 feet	Depth to Gr	oundwater 19.	15.29 NMAC		
			10 mg/kg				50 mg/kg			1,000 mg/kg		2,500 mg/kg	10,000 mg/kg

Notes:

Values reported in mg/kg

2.< = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

5. TPH analyses by EPA Method SW 8015 Mod.
 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

4. BTEX analyses by EPA Method SW 80218 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).

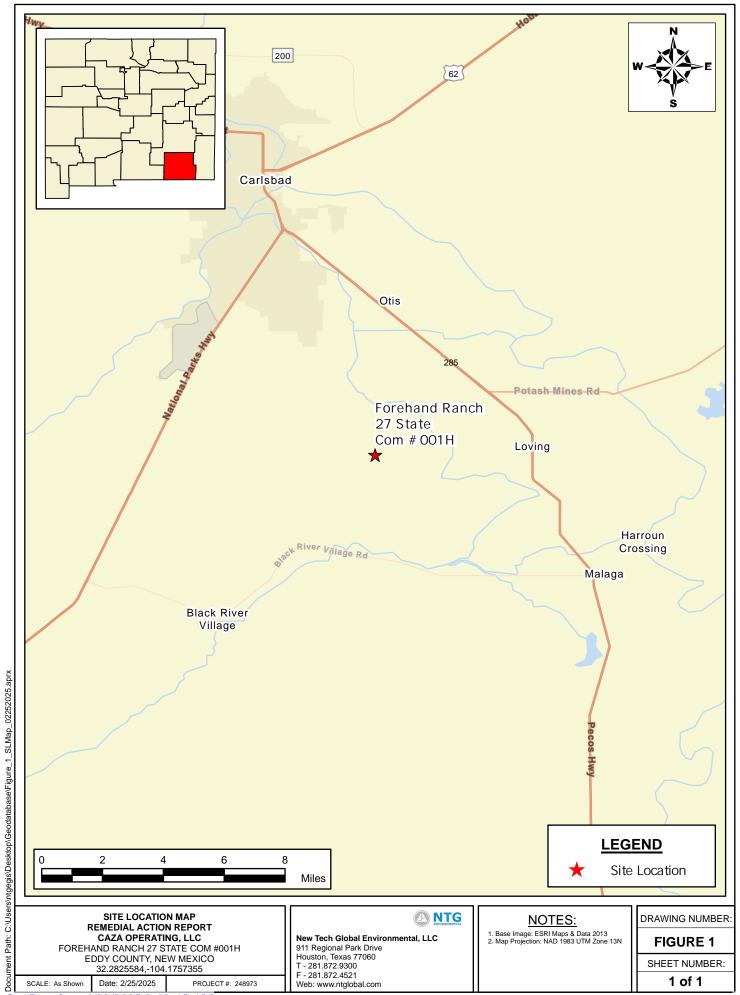
Sample Point Excavated

wated 9. --- Not Analyzed

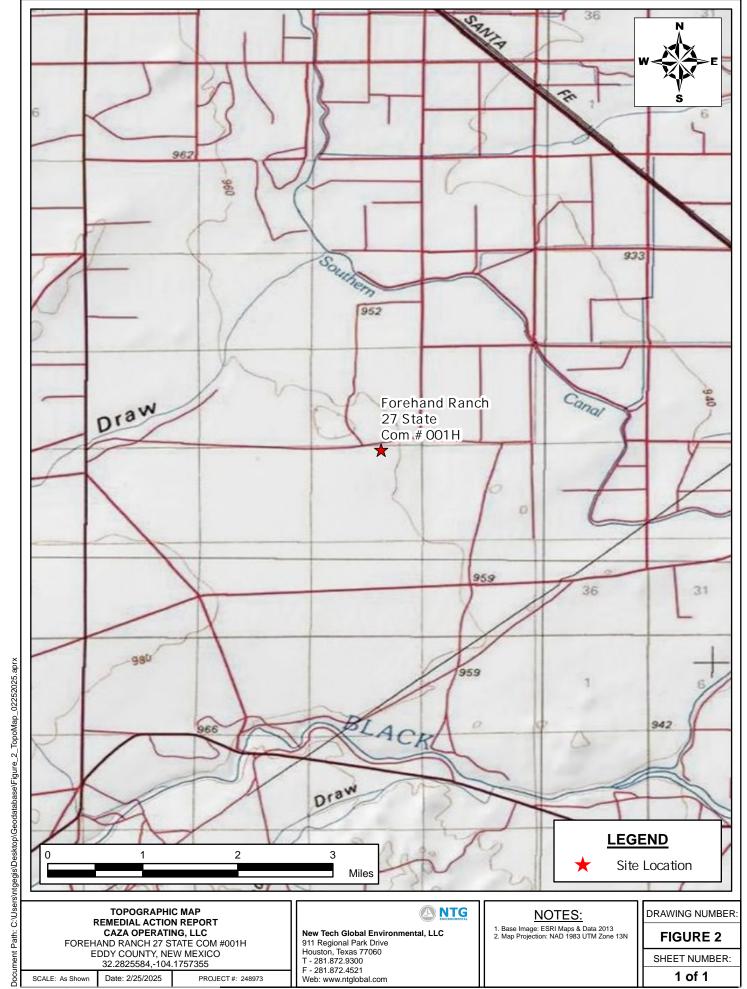
Figures



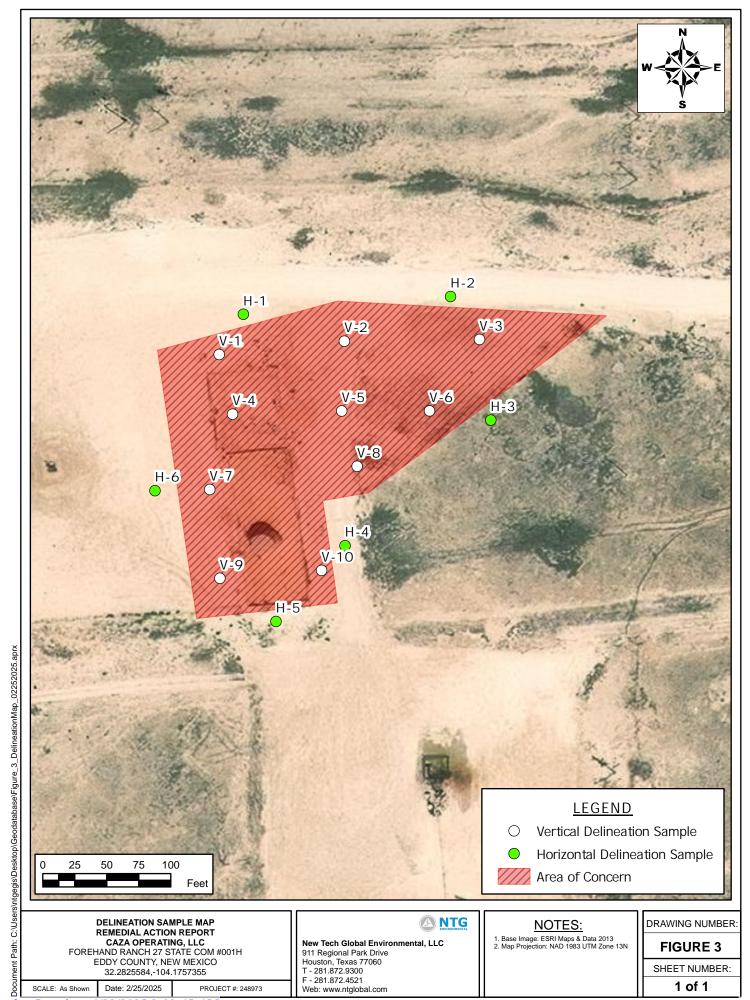
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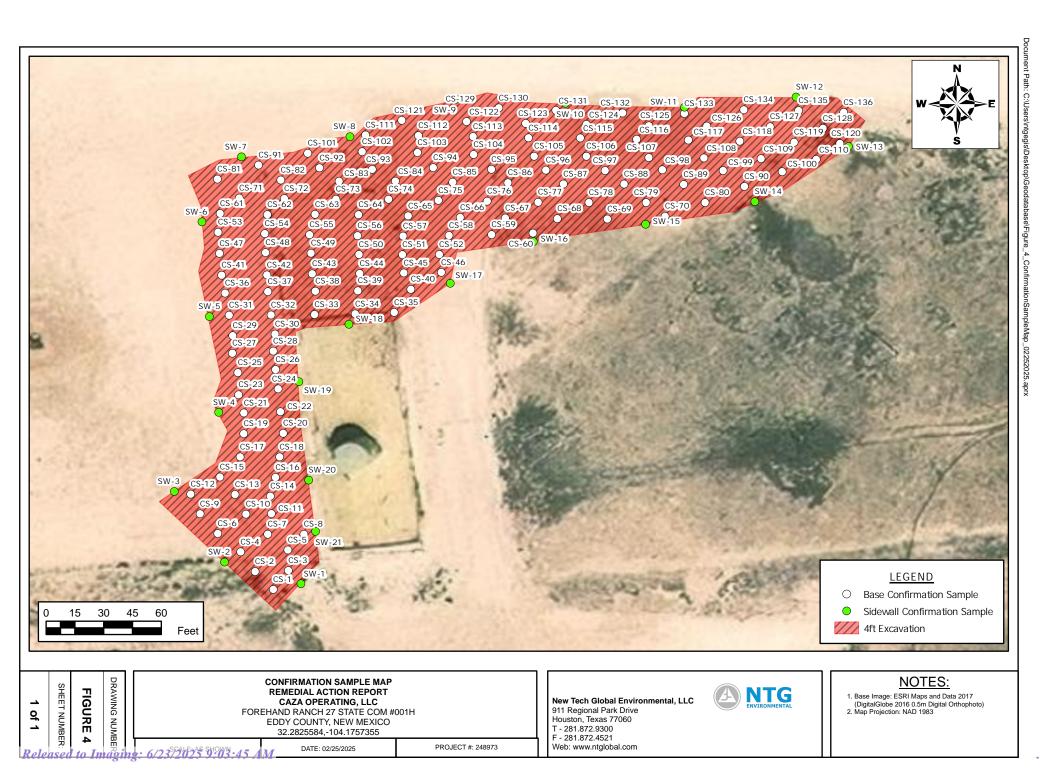
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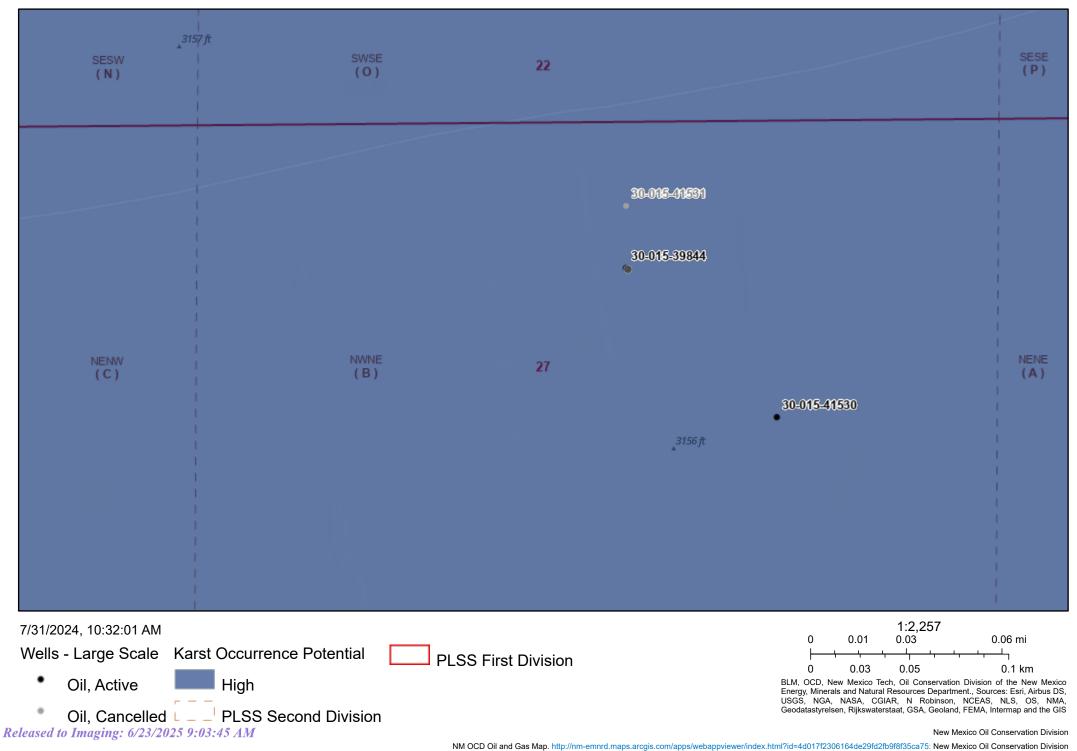
Site Characterization Information



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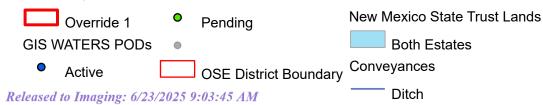
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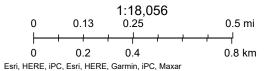
OCD Well Locations



OSE POD Location Map







Point of Diversion Summary

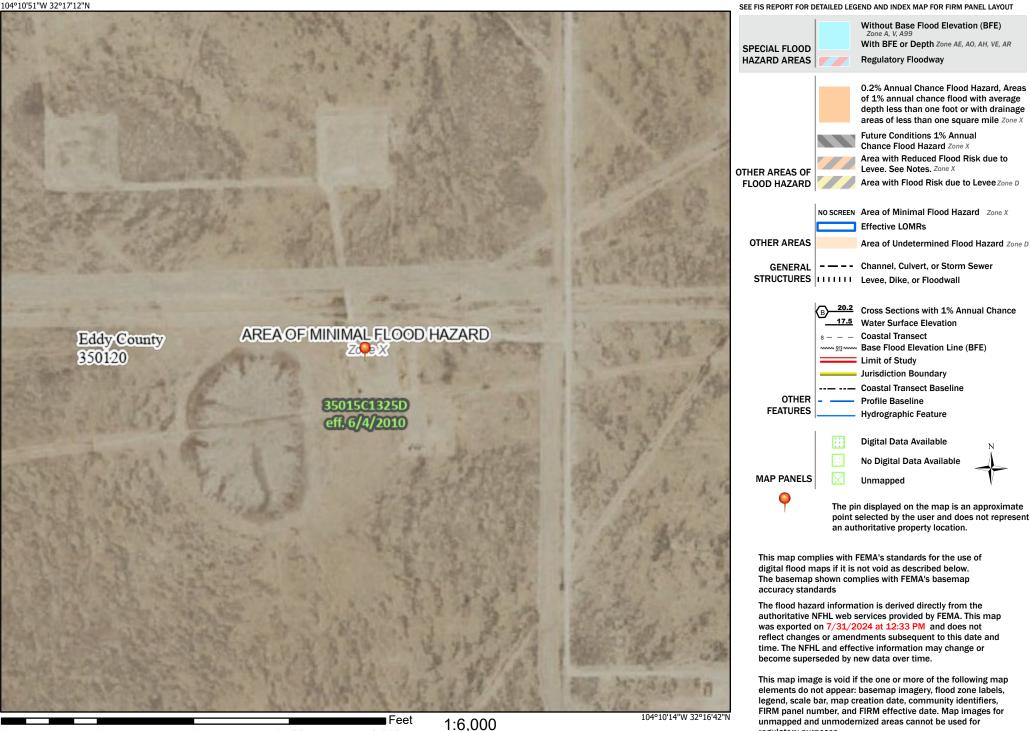
				are 1=NW 2=NE ers are smallest t	NAD83 UTM in meters						
Well Tag	POD	Nbr	Q64	Q16	Q4	Sec	Tws	Rng	x	Y	Мар
	C 005	18 POD2	NE	SE	SE	22	235	27E	57 <mark>8105.0</mark>	3572431.0 *	•
UTM locatio	on was de	erived from F	PLSS - see H	lelp							
Driller Lice	ense:	24	Dri	ller Compan	y:	BRININST	OOL, M	.D.			
Driller Nar	ne:	BRININS	tool, M.	D.							
Drill Start	Date:	2006-03-	15 Dr i	ll Finish Dat	e:	2006-06-	14	P	lug Date:		
Log File Da	ate:	2008-08-	31 PC	W Rcv Date:		2008-08-3	31	s	ource:	Shallow	
Pump Typ	e:		Pip	e Discharge	Size:			E	stimated Yie	eld: 500	
Casing Size	e:	12.00	De	pth Well:		220		C	epth Water:	98	

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Legend

Page 22 of 324



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104°10'14"W 32°16'42"N

regulatory purposes.

Basemap Imagery Source: USGS National Map 2023

Legend

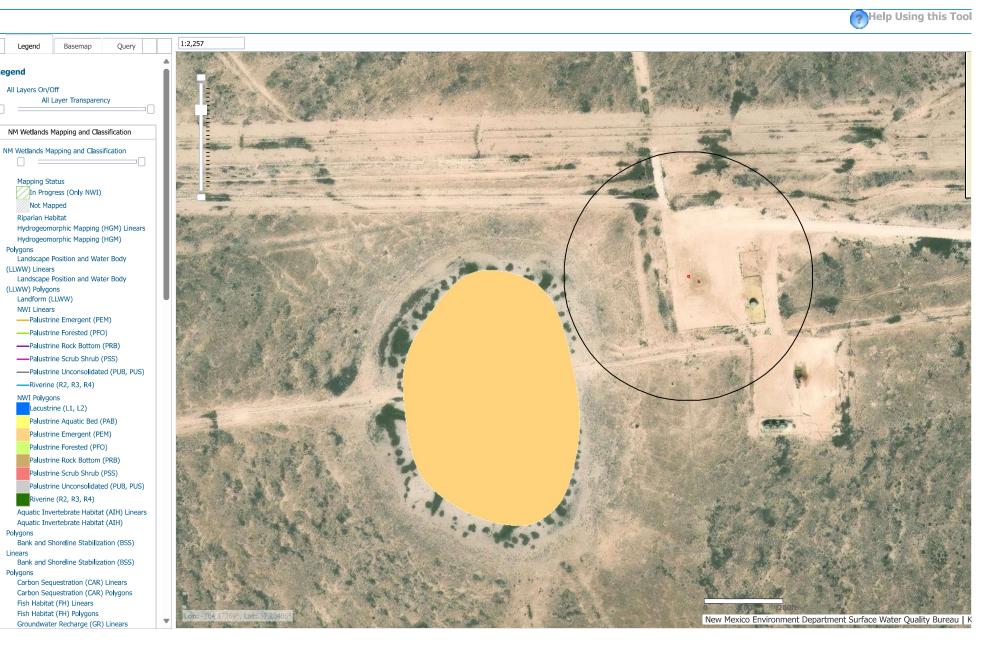
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Polygons

Polygons

Linears

Polygons





National Wetlands Inventory

Wetlands



September 4, 2024

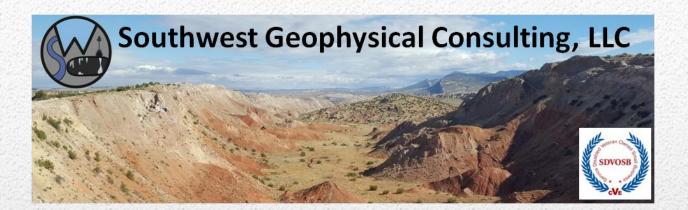
Wetlands

- 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.



Environmental Karst Study Report Forehand Ranch 27 State Com 001H & 005H Eddy County, New Mexico

Prepared For: NTG Environmental 209 West McKay Street Carlsbad, NM 88220

□ Positive within 200 feet of spill delineation boundary

☑ Negative within 200 feet of spill delineation boundary

☑ Stable □ Unstable Ground

□ Karst Monitor Recommended

February 28, 2025

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TABLE OF CONTENTS

FRONT MATTER i
TABLE OF CONTENTSii
LIST OF FIGURESiii
LIST OF TABLESiii
1.0 INTRODUCTION
1.1 Goals of this Study1
1.2 Summary of Findings
1.3 Affected Environment1
1.4 Limitations of Report
2.0 LOCATION AND DESCRIPTION OF STUDY AREA
2.1 Description of Site
2.2 Local Geology Summary5
2.3 Description of Survey
2.3.1 Surface Karst Inventory6
2.3.2 Geophysical Survey8
3.0 RESULTS
3.1 Surface Karst Survey
3.2 Geophysical Survey
4.0 DISCUSSION
5.0 SUMMARY
6.0 DISCLOSURE STATEMENT
7.0 REFERENCES
8.0 GLOSSARY OF TERMS
9.0 ATTESTATION

LIST OF FIGURES

Figure 1: Karst occurrence zone overview	. 2
Figure 2: Land ownership and PLSS overview	. 4
Figure 3: Geology overview	. 5
Figure 4: Surface survey overview	. 6
Figure 5: Geophysical survey overview	. 8
Figure 6: Aerial karst survey results	10
Figure 7: 2D inverted resistivity sections	12
Figure 8: Data overlay	13

LIST OF TABLES

Table 1: Survey Line Data Table	9
Table 2: Software Information and Settings	9
Table 3: Surface Karst Feature Data Table	11

1.0 INTRODUCTION

This report was commissioned by NTG Environmental (hereinafter referred to as "the client"), on January 15, 2025, for the purpose of conducting an environmental karst study within an area encompassing the Forehand Ranch 27 State Com 001H and 005H release sites (hereinafter termed "FR2701") centered at N 32.282061° W 104.175055°.

1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 200 feet (61 meters) of the spill delineation boundary (as defined by 19.15.29.12 NMAC^[1]), and to determine whether stable ground exists (as defined by 19.15.2 NMAC Definitions^[2]) within the spill boundary of the Forehand Ranch 27 State Com 001H and 005H releases using electrical resistivity imaging^[3].

1.2 Summary of Findings

- No surface karst features exist within the 200-foot (61-meter) perimeter of the spill delineation boundary.
- Three surface karst features lie within the 200-meter survey boundary.
- No anomalies consistent with subsurface air- or water-filled voids were found within the FR2701 resistivity survey area, indicating the zone beneath the geophysical survey is not subject to collapse.
- Flat-lying stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted indicating stable ground.

1.3 Affected Environment

The FR2701 project site is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers^[4]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **HIGH** karst occurrence zone^[5] (**Figure 1**).

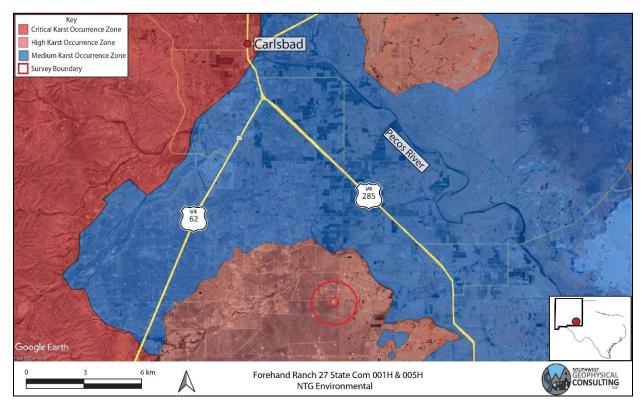


Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

A high karst occurrence zone is defined as an area in known soluble rock types that contains a high frequency of significant caves and karst features such as sinkholes, bedrock fractures that provide rapid recharge of karst aquifers, and springs that provide riparian habitat^[4].

Due to the rapidity with which evaporite karst develops, each location within a CKOZ or HKOZ must be assessed on an individual basis to determine the existence of surface karst features and the possibility of sub-surface karst development each time a release occurs.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of NTG Environmental in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results in the field should be conducted prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be conducted.

To the best of our knowledge, the information contained in this report is accurate at the date of issue. Due to the nature of karst terrain, the information in this report shall not be used beyond three years past the date of the field work provided in section **2.3 Description of Survey**. Large weather events can shorten this time period as areas subject to karst development can rapidly form new features subsequent to these events.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 15.9 kilometers (9.9 miles) south-southeast of Carlsbad, New Mexico, north of Bounds Road and west of U.S. 285. The release site is located within the NE ¼ section of section 27, NM T23S R27E^[6] (Figure 1 and Figure 2). The region has flat-lying terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock^[7] (see section *2.2 Local Geology Summary* for further information). The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January^[8]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map^[9] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The spill delineation boundary is located within an HKOZ^[5] (Figure 1) and within NMSLO managed land^[10] (Figure 2).

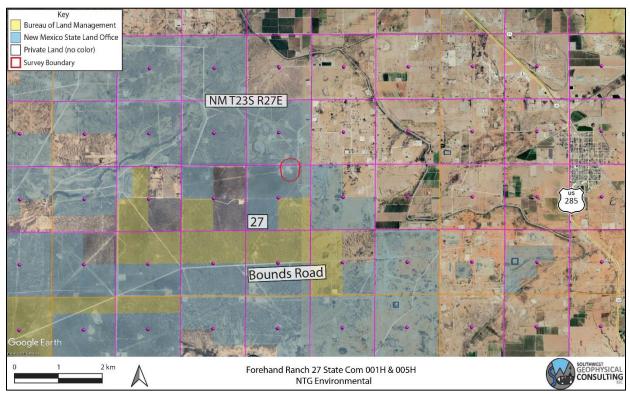


Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

NTGE-002-20250115

2.2 Local Geology Summary

The site for the FR2701 survey is located at an elevation of 962 meters (3,156 feet), ± 2 meters (6.6 feet), and is located within a region underlain by the Permian Rustler Formation (Pru). The area is mantled by thin gypsiferous soils (gypsite), Quaternary alluvium (Qal), and piedmont gravels (Qp)^[11] up to 5 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite, and gypsum, and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members)^[12].

The Pru overlies the Permian Salado Formation (PsI), a layer of extremely soluble halite which can readily dissolve to create caves, sinkholes, and other karst features; however, due to its extremely soluble nature, only non-soluble silt and sand remain from the dissolution of this layer at the surface^[12]. The Rustler Formation may be subject to collapse if a void has developed beneath it in the Salado Formation^[13].

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale^[11] and the Digital Geologic Map of New Mexico in ARC/INFO Format^[14].

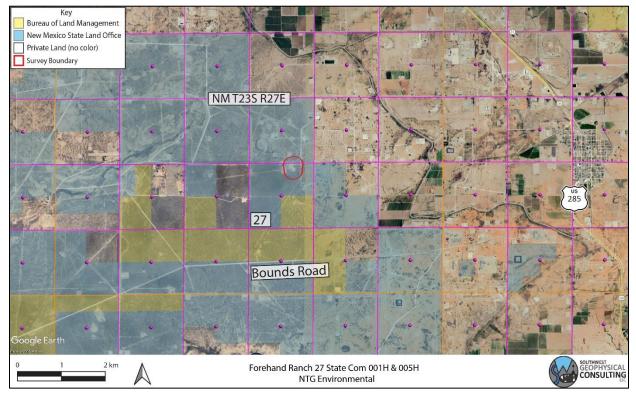


Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

NTGE-002-20250115

2.3 Description of Survey

2.3.1 Surface Karst Inventory

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides aerial karst surveys using small, uncrewed aerial systems (sUAS) that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

The aerial karst survey includes a surface karst desk study prior to the flight which allows us to provide client feedback in the event of any previously known karst features in the area. The desk study is performed out to 305 meters (1,000 feet) from the spill delineation boundary per New Mexico Oil Conservation Division guidance^[1] (Figure 4). The study was performed using satellite and aerial imagery from Google Earth Pro dated March 20, 2023 (please note features less than one meter in diameter are generally not visible using this method); the Southwest Geophysical Cave and Karst Database dated December 23, 2024^[15]; the Otis, NM, 1:24,000 quad, 1985, USGS topographic map; and the latest lidar imagery from CalTopo.com. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned one surface karst feature within the 200-meter survey boundary. This feature can be identified by the feature ID date earlier than the others in **Table 3**.



Figure 4: Surface survey overview. Background image credit: Google Earth. Image date: January 27, 2023. Datum: WGS-84.

Aerial karst surveys are conducted at low elevation within 200 meters of the spill delineation boundary^[4] (**Figure 4**) following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 6**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by an experienced karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report^[16].

The resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they are impacted by the proposed remediation efforts. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 6**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via aerial survey by Pat Lagodney of SWCA on January 24, 2025. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by Dave Decker of Southwest Geophysical Consulting on January 27, 2025.

2.3.2 Geophysical Survey

For this survey, an Advanced Geosciences Inc. (AGI) SuperSting[™] Wifi R8 with a multielectrode switchbox, a 56-electrode array of 40-centimeter-long electrodes, and a tablet controller were used to image the subsurface. This survey consisted of four resistivity lines in a dipole-dipole configuration: FR270101 was laid out south to north and consisted of 42 electrodes at 5-meter spacing resulting in a 205-meter-long array; lines FR270102, FR270103, and FR270104 were laid out west to east and each consisted of 28 electrodes at 5-meter spacing, resulting in 135-meter-long arrays (**Figure 5, Table 1**). Two preconfigured command files were used to run the data collection (DiDi42 and DiDi28). The 42-electrode configuration provided a depth of investigation of 41 meters (135 feet) while the 28-electrode configuration provided a depth of investigation of 27 meters (89 feet). Both have a resolution of 2.5 to 3.0 meters (8.2 to 9.8 feet) within the first 5 to 8 meters (16 to 26 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.

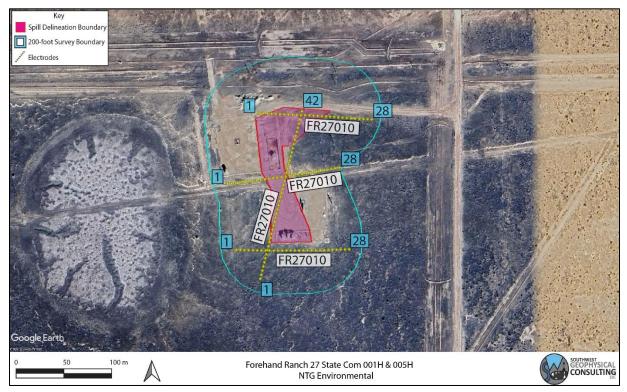


Figure 5: Geophysical survey overview. One survey line was conducted with 42 electrodes at 5-meter spacing and three survey lines were conducted with 28 electrodes each at 5-meter spacing (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: January 27, 2023. Image datum: WGS-84.

Table 1 provides basic line data. Detailed information for each line including electrodenumber, location in latitude/longitude (decimal degree format), and elevation in meterscan be found in the accompanying data files.

 Table 1: Survey Line Data Table. The .kmz file contains all the points for the survey line listed in the file name. These

 data are available in the accompanying files FR2701_ERI_Points.xlsx and NTGE-002-20250115_FR2701_Data_Files.kmz.

File Name:	Completed By:	Date:
FR270101.kmz		
FR270102.kmz	Garrett Jorgensen Olague – Senior Field Geologist Britt Bommer – Field Geologist	1/28/2025
FR270103.kmz	Steven Kesler – Field Geologist	1/20/2023
FR270104.kmz		

EarthImager[™] 2D software was used to download and process the data and to provide the model used to make our interpretations. The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of "stable" or "unstable" ground at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was "average apparent resistivity" and a default inversion setting of "surface," with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω -m) and a max apparent resistivity set to 100,000 Ω -m (**Table 2**).

Software Name:	EarthImager [™] 2D
Version:	2.4.4.649
Starting Model:	Average Apparent Resistivity
Default Inversion Settings:	Surface
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 kΩ-m
	Min Apparent Resistivity = 0.1 Ω-m

Table 2: Software Information and Settings

Note: Raw data files (.stg files for EarthImager[™] 2D) and processed data (.trn files, terrain files for surface correction in EarthImager[™] 2D and .out files, the processed .stg files) are available upon request.

All field work, including setup, stow, and travel, was completed by Garrett Jorgensen Olague, Britt Bommer, and Steven Kesler on January 27, 2025.

3.0 RESULTS

3.1 Surface Karst Survey

The desk study and surface karst survey showed no existing surface karst features within the 200-foot (61-meter)^[1] survey boundary.

Three recognized surface karst features are located within the 200-*meter* survey boundary but outside of the 200-*foot* (61-meter) survey boundary (**Figure 6**, **Table 3**). Recognized surface karst features are features that are positively identified in either satellite or aerial imagery as karst features and the features have been visited by a qualified karst professional in the field and fully identified. Images for the features are available on request.



Figure 6: Aerial karst survey results. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

No springs exist within the 1,000-foot (305-meter)^[1] survey boundary.

Caution should be exercised while operating in or around all karst-related features due to the possibility of near-surface voids. Employing a BLM-CFO approved karst monitor on site during these activities should be considered.

Table 3 contains a list of features identified during the aerial karst survey and subsequent imagery analysis. Each feature is identified with a feature identification number (Feature ID), the type of feature, estimated size (in meters), recommended buffer (in meters), the likelihood of this feature being a surface karst feature (modifiers H/M for high or medium likelihood, V for field verified), and its location in WGS-84/UTM-13 (EPSG: 32613).

KF			Size	Buffer			
Status	Feature ID	Туре	(m)	(m)	Mod	Easting	Northing
RKF	250115-D01	Suffosion sinkhole cluster	219	10	V	577463.086	3571953.325
RKF	RKF 250127-D01 Suffosion sinkhole cluster		21	10	V	577516.572	3572201.560
RKF	250127-D02	Suffosion sinkhole	0.6	10	V	577637.363	3571839.254

Table 3: Surface Karst Feature Data Table

NOTE: Location data provided in WGS-84/UTM 13N. RKF – recognized karst feature.

3.2 Geophysical Survey

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Figure 7**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a moderately well-layered geologic system with resistivities between 2.3 and 175 Ohm-m (**Figure 7**). No unusual anomalies are noted. Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

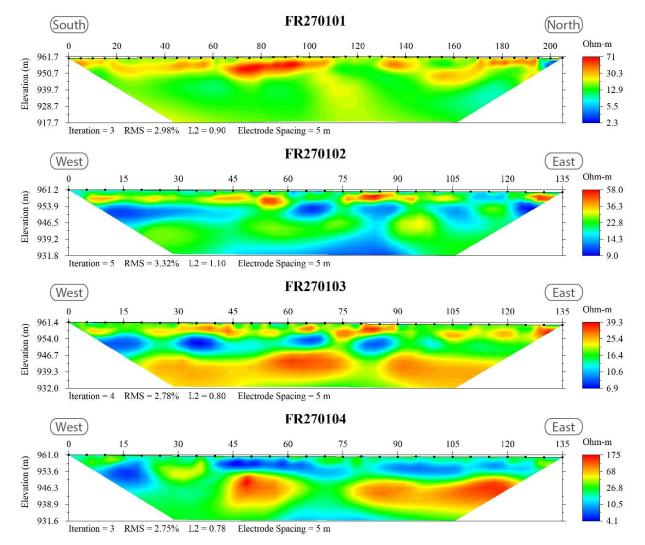


Figure 7: 2D inverted resistivity sections. Reds and oranges indicate higher resistivity values. Yellows and greens are medium-resistivity values. Blues are low-resistivity values. Please note that the color scale is relative and that the 2D inverted resistivity profile for line FR270101 is 205 meters long in comparison to the other three lines at only 135 meters.

4.0 DISCUSSION

No anomalies consistent with air-filled subsurface voids are found within the FR2701 survey area. However, small solutionally enlarged voids or fractures at or near the resolution limit of the survey (1.5 - 2.0 meters) may be present. Slightly higher-than-average resistivity areas less than 10 meters beneath the surface are interpreted as caliche or gypsite soils. Due to their relatively low resistivity values when compared with significant subsurface voids, these features should not be a concern during remediation efforts^[17] (**Figure 7** and **Figure 8**).

Fracture sets within the subsurface can act as hydrologic pathways to the water table. Rapid dissolution of gypsum can occur along these pathways creating solution-enlarged fractures, and in some cases, voids within months to years. For this reason, this survey is valid only for this remediation event.

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey (2.5 - 3.0 meters) may exist; these may be encountered during excavation, and if so, should be evaluated by a karst specialist prior to continued work.

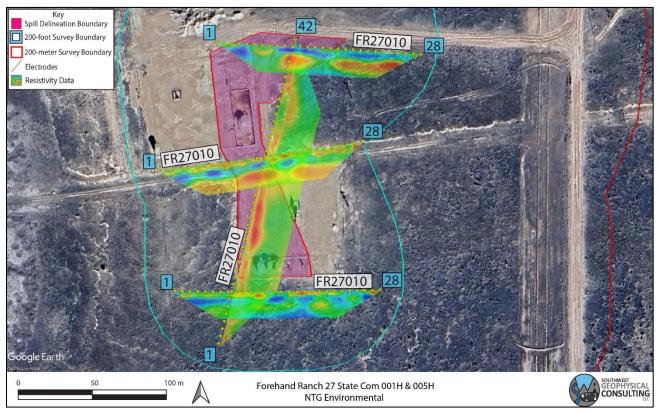


Figure 8: Data overlay. Colored trapezoids are 2D inverted resistivity lines. Background image credit: Google Earth. Image date: January 27, 2023.

NTGE-002-20250115

5.0 SUMMARY

- The FR2701 survey contains no surface karst features within 200 feet (61 meters) of the spill delineation boundary.
- No shallow anomalies interpreted as large voids or related karst features that would present a danger to equipment operators are located within the survey area.
- Three surface karst features exist within the 200-meter survey boundary, indicating that the area is karstified.
- Intercepting a small void below the resolution limit of the survey during remediation is possible.
- Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.
- When conducting any remediation activities in this area, employing a BLM-CFO approved karst monitor on site should be considered.

6.0 DISCLOSURE STATEMENT

High karst occurrence zones are prone to rapid karst formation and warrant careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

NTGE-002-20250115

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports (along with the associated data files) commissioned at the request of the land manager should be submitted to:

BLM-CFO: blm nm karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

Environmental karst reports should be submitted to the appropriate project manager at the New Mexico Oil Conservation Division.

7.0 REFERENCES

- 1 Division, O. C. *Title 19, Chapter 15, Part 29* (Oil Conservation Division, 2018).
- 2 NMSLO. (ed Oil Conservation Division) (New Mexico State Land Office, Santa Fe, NM, 2018).
- 3 Decker, D. & Jorgensen, G. L. *Environmental Karst Surveys White Paper* (Southwest Geophysical Consulting, LLC, 2024).
- 4 Goodbar, J. R. Vol. BLM Management Handbook H-8380-1 (ed Carlsbad Field Office) 59 (Bureau of Land Management, Denver, CO, 2015).
- 5 Decker, D., Trautner, E. & Palmer, R. (Bureau of Land Management Carlsbad Field Office, 2025).
- 6 Earthpoint. *Earthpoint Tools for Google Earth,* <<u>https://www.earthpoint.us/Townships.aspx</u>> (2022).
- 7 Decker, D. D., Land, L. & Luke, B. Characterization of Playa Lakes in the Gypsum Karst of Southeastern New Mexico and West Texas, USA. *Oklahoma Geological Survey Circular 113* **113** (2021).
- 8 W.R.C.C. National Climate Data Center 1981-2010 Normal Climate Summary for Carlsbad, New Mexico (291469), 2010).
- 9 Whitehead, W. & Flynn, C. *Plant Utilization in Southeastern New Mexico: Botany, Ethnobotany, and Archaeology*. (Bureau of Land Management, Carlsbad Field Office, 2017).
- 10 NMSLO. Digital overlay (KML) of the surface land ownership in New Mexico (New Mexico State Land Office, Santa Fe, NM, 2024).
- 11 Scholle, P. A. Geologic Map of New Mexico. (2003).
- 12 Austin, G. S. *Geology and mineral deposits of Ochoan rocks in Delaware Basin and adjacent areas*. Vol. Circular 159 (New Mexico Bureau of Mines and Mineral Resources, 1978).
- 13 Johnson, K. S. Evaporite Karst in the United States. *Carbonates and Evaporites* **12**, 2-14 (1997).
- 14 Green, G. N. & Jones, G. E. *The Digital Geologic Map of New Mexico in ARC/INFO Format*, <<u>https://mrdata.usgs.gov/geology/state/state.php?state=NM</u>> (1997).
- 15 Decker, D. D., Jorgensen, G. L. & Palmer, R. in *Southwest Geophysical Cave and Karst Database* (ed LLC Southwest Geophysical Consulting) (Albuquerque, NM, 2025).

- 16 Whitehead, W., Bandy, M. & Decker, D. Protocol for Using UAV Photography for Rapid Assessment of Karst Features in Southeast New Mexico. *Proceedings of the 2022 Cave and Karst Management Symposium* (2022).
- 17 Hill, C. A. *Geology of the Delaware Basin, Guadalupe, Apache and Glass Mountains, New Mexico and West Texas*. Vol. 96-39 (Permian Basin Section - SEPM, 1996).

8.0 GLOSSARY OF TERMS

AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
ERI	
GPS	Electrical Resistivity Imaging Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a
	feature that is definitely karst but has not been confirmed in the field.
НКОΖ	High Karst Occurrence Zone
karst	A landscape containing solutional features such as caves,
	sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that
	cannot be ruled out as karst but is most likely NOT karst related.
	This modifier may also be used for pseudokarst features.
(M)	Medium confidence modifier for PKF. This is an ambiguous
	feature that can't be positively identified as karst without a field
	visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
МКОΖ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF
	that have been subsequently identified in the field as non-karst
	related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office
Ohm-m	Ohm-meter, a unit of measurement for resistivity. Sometimes
	abbreviated Ω-m.
paleokarst	Previously formed karst features that have been filled in by
	erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Рс	Permian Capitan Formation
Pcs	Permian Castile Formation

NTGE-002-20250115

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Pdl	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features
F KI	identified in satellite or aerial imagery that have NOT been
	visited in the field. Further modifiers include (H) for high
	confidence, (M) for medium confidence, and (L) for low
	confidence. These confidence levels are based on field
	experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not
	formed by dissolution. These types of features include soil piping,
	lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Ру	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features
	that have been physically verified in the field.
SPAR	Small Party Assisted Rescue
sUAS	Small, uncrewed aerial system
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains
	water to an aquifer. Some are "open," meaning a void can be seen
	below; some are "closed, "meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
UTM	Universal Transverse Mercator (projected coordinates)
(V)	Field verified modifier for a RKF. This indicates that the feature has
	been visited by a qualified karst professional in the field and fully
	identified
WGS	World Geodetic System (geographic coordinates)

NTGE-002-20250115

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9.0 ATTESTATION

David D. Decker, PhD, PG, CPG

Chief Executive Officer, Principal Geologist Southwest Geophysical Consulting, LLC 5117 Fairfax Dr. NW Albuquerque, NM 87114 <u>dave@swgeophys.com</u> (505) 585-2550

CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of "qualified karst professional" set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of "qualified professional" for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number NTGE-002-20250115 entitled, "Environmental Karst Study Report, Forehand Ranch 27 State Com 001H & 005H, Eddy County, New Mexico." I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section 2.3 Description of Survey.

• I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, March 4, 2025.

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David D. Decker PhD, CPG-12123



Photoghraphic Log



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NTGE Project No: 248973

Caza Operating, LLC.

Photograph No. 1

Facility:	Forehand Ranch 27 State Com #001H

County: Eddy County, New Mexico

Description:

Remedial Actions and Confirmation Sampling



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Photograph No. 2

Facility:	Forehand Ranch 27 State Com
	#001H

County: Eddy County, New Mexico

Description:

Remedial Actions and Confirmation Sampling



Photograph No. 3

Facility:	Forehand Ranch 27 State Com #001H

County: Eddy County, New Mexico

Description:



Caza Operating, LLC.

Photograph No. 4

Facility:	Forehand Ranch 27 State Com #001H

County: Eddy County, New Mexico

Description:

Remedial Actions and Confirmation Sampling



Photograph No. 5

Facility:	Forehand Ranch 27 State Com
	#001H

County: Eddy County, New Mexico

Description:

Remedial Actions and Confirmation Sampling



Photograph No. 6

Facility:	Forehand Ranch 27 State Com #001H

County: Eddy County, New Mexico

Description:



Caza Operating, LLC.

Photograph No. 7

Facility:	Forehand Ranch 27 State Com
	#001H

County: Eddy County, New Mexico

Description:

Remedial Actions and Confirmation Sampling



Photograph No. 8

Facility:	Forehand Ranch 27 State Com
	#001H

County: Eddy County, New Mexico

Description:

Remedial Actions and Confirmation Sampling



Photograph No. 9

Facility:	Forehand Ranch 27 State Com #001H

County: Eddy County, New Mexico

Description:



Caza Operating, LLC.

Photograph No. 10

Facility:	Forehand Ranch 27 State Com
	#001H

County: Eddy County, New Mexico

Description:

Remedial Actions and Confirmation Sampling



Photograph No. 11

Facility:	Forehand Ranch 27 State Com
	#001H

County: Eddy County, New Mexico

Description:

Remedial Actions and Confirmation Sampling



Photograph No. 12

Facility:	Forehand Ranch 27 State Com
	#001H

County: Eddy County, New Mexico

Description:



Laboratory Reports and Chain-of-Custody



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NTGE Project No: 248973



January 20, 2025

KELLAN SMITH NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: FOREHAND RANCH 27 STATE COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 01/16/25 13:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 0-0.5' (H250276-01)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	8480	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	892	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	287	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 1-1.5' (H250276-02)

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	01/17/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 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	4080	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	136	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	30.9	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	84.1	% 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



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 2-2.5' (H250276-03)

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	01/17/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	4080	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	115	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	16.3	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 3-3.5' (H250276-04)

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	01/17/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	6640	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	89.6	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 4-4.5' (H250276-05)

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	01/17/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	96.0	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	88.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 5-5.5' (H250276-06)

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	01/17/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	256	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	92.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 6-6.5' (H250276-07)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	160	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

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NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 7-7.5' (H250276-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	368	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 8-8.5' (H250276-09)

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	01/17/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	1020	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 9-9.5' (H250276-10)

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	01/19/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/19/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/19/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/19/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	304	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 10-10.5' (H250276-11)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.99	99.3	2.00	1.36	
Toluene*	<0.050	0.050	01/17/2025	ND	2.15	108	2.00	1.13	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.23	111	2.00	1.29	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.70	112	6.00	1.55	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	384	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	192	96.2	200	6.23	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	166	82.8	200	4.72	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.7	% 49.1-14	8						

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NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 0-0.5' (H250276-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	496	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	12.5	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	82.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

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NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 1-1.5' (H250276-13)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	992	16.0	01/17/2025	ND	448	112	400	7.41	
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	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 2-2.5' (H250276-14)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	GC-NC
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	5440	16.0	01/17/2025	ND	448	112	400	7.41	
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*	11.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	498	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	124	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 3-3.5' (H250276-15)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	01/17/2025	ND	416	104	400	3.77	QM-07
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	11.4	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 4-4.5' (H250276-16)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	250	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	51.2	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	95.5 % 48.2-13		4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 5-5.5' (H250276-17)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	96.2	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	13.8	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 6-6.5' (H250276-18)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 7-7.5' (H250276-19)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3720	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 8-8.5' (H250276-20)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	90.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 9-9.5' (H250276-21)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 10-10.5' (H250276-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	75.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 0-0.5' (H250276-23)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7440	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	31.3	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 1-1.5' (H250276-24)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	33.9	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 2-2.5' (H250276-25)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 3-3.5' (H250276-26)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	alyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	80.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.4	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 4-4.5' (H250276-27)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	80.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.5	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 5-5.5' (H250276-28)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1790	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 6-6.5' (H250276-29)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 7-7.5' (H250276-30)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 8-8.5' (H250276-31)

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	01/17/2025	ND	1.94	96.9	2.00	0.478	
Toluene*	<0.050	0.050	01/17/2025	ND	2.04	102	2.00	0.610	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.07	104	2.00	0.351	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.21	103	6.00	0.344	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1620	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	190	95.0	200	0.292	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	185	92.3	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	77.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 9-9.5' (H250276-32)

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	01/17/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1300	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.2	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 10-10.5' (H250276-33)

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	01/17/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	<i>99.7</i>	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 0-0.5' (H250276-34)

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	01/17/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	01/17/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	52.5	10.0	01/17/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 1-1.5' (H250276-35)

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	01/17/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	688	16.0	01/17/2025	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	01/17/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	73.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 2-2.5' (H250276-36)

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	01/17/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	560	16.0	01/17/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/17/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	12.4	10.0	01/17/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	66.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	63.8	% 49.1-14	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 3-3.5' (H250276-37)

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	01/17/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	464	16.0	01/17/2025	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	01/17/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	67.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.1	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 4-4.5' (H250276-38)

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	01/17/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	96.0	16.0	01/17/2025	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	01/17/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	75.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 5-5.5' (H250276-39)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/17/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	48.0	16.0	01/17/2025	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	01/18/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	95.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 5 0-0.5' (H250276-40)

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	01/17/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	304	16.0	01/17/2025	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	01/18/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	74.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 5 1-1.5' (H250276-41)

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	01/17/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	192	16.0	01/17/2025	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 5 2-2.5' (H250276-42)

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	01/18/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/18/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/17/2025	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	01/18/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 5 3-3.5' (H250276-43)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/18/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/18/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	01/17/2025	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	75.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 5 4-4.5' (H250276-44)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/18/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/18/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 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	48.0	16.0	01/17/2025	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	01/18/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 6 0-0.5' (H250276-45)

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	01/18/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/18/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	80.0	16.0	01/17/2025	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	01/18/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	68.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	68.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 6 1-1.5' (H250276-46)

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	01/18/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/18/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 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	336	16.0	01/17/2025	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	01/18/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.4	% 49.1-14	0						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 6 2-2.5' (H250276-47)

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	01/18/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/18/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 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	224	16.0	01/17/2025	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	01/18/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	12.2	10.0	01/18/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 6 3-3.5' (H250276-48)

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	01/19/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/19/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/19/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/19/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/19/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	160	16.0	01/17/2025	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	01/18/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	95.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 6 4-4.5' (H250276-49)

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	01/18/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/18/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	48.0	16.0	01/17/2025	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	01/17/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 7 0-0.5' (H250276-50)

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	01/18/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/18/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	01/17/2025	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	01/17/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	75.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 7 1-1.5' (H250276-51)

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	01/18/2025	ND	1.93	96.6	2.00	0.962	
Toluene*	<0.050	0.050	01/18/2025	ND	2.06	103	2.00	0.563	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.08	104	2.00	0.615	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.16	103	6.00	0.826	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 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	688	16.0	01/17/2025	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	01/17/2025	ND	195	97.6	200	7.43	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	187	93.6	200	10.4	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	74.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 7 2-2.5' (H250276-52)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	352	16.0	01/17/2025	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	58.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 7 3-3.5' (H250276-53)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/17/2025	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 7 4-4.5' (H250276-54)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	112	16.0	01/17/2025	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	77.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 8 0-0.5' (H250276-55)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	22.3	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 8 1-1.5' (H250276-56)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 8 2-2.5' (H250276-57)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	11.7	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 8 3-3.5' (H250276-58)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	76.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 8 4-4.5' (H250276-59)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 9 0-0.5' (H250276-60)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	75.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	0						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 9 1-1.5' (H250276-61)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	76.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 9 2-2.5' (H250276-62)

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	01/17/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/17/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 9 3-3.5' (H250276-63)

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	01/18/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/18/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	72.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 9 4-4.5' (H250276-64)

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	01/18/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/18/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 10 0-0.5' (H250276-65)

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	01/18/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/18/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	76.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	0						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 10 1-1.5' (H250276-66)

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	01/18/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/18/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	72.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.4	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 10 2-2.5' (H250276-67)

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	01/18/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/18/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 10 3-3.5' (H250276-68)

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	01/18/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/18/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/17/2025	ND	416	104	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	01/17/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/17/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/17/2025	ND					
Surrogate: 1-Chlorooctane	80.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 10 4-4.5' (H250276-69)

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	01/18/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/18/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/17/2025	ND	416	104	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	01/18/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	77.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 1 0-0.5' (H250276-70)

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	01/18/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/18/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/17/2025	ND	416	104	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	01/18/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.7	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 2 0-0.5' (H250276-71)

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	01/18/2025	ND	2.14	107	2.00	1.03	
Toluene*	<0.050	0.050	01/18/2025	ND	2.21	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/18/2025	ND	2.33	116	2.00	4.18	
Total Xylenes*	<0.150	0.150	01/18/2025	ND	6.97	116	6.00	3.78	
Total BTEX	<0.300	0.300	01/18/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/17/2025	ND	416	104	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	01/18/2025	ND	216	108	200	4.30	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	196	97.9	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	69.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.7	% 49.1-14	0						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 3 0-0.5' (H250276-72)

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	01/17/2025	ND	2.06	103	2.00	6.45	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.29	114	2.00	1.56	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.00	117	6.00	1.57	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	125	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/17/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/18/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 4 0-0.5' (H250276-73)

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	01/17/2025	ND	2.06	103	2.00	6.45	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.29	114	2.00	1.56	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.00	117	6.00	1.57	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	126	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/17/2025	ND	416	104	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	01/18/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	76.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 5 0-0.5' (H250276-74)

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	01/17/2025	ND	2.06	103	2.00	6.45	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.29	114	2.00	1.56	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.00	117	6.00	1.57	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	121	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/17/2025	ND	416	104	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	01/18/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	01/16/2025	Sampling Date:	01/15/2025
Reported:	01/20/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 6 0-0.5' (H250276-75)

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	01/17/2025	ND	2.06	103	2.00	6.45	
Toluene*	<0.050	0.050	01/17/2025	ND	2.06	103	2.00	4.39	
Ethylbenzene*	<0.050	0.050	01/17/2025	ND	2.29	114	2.00	1.56	
Total Xylenes*	<0.150	0.150	01/17/2025	ND	7.00	117	6.00	1.57	
Total BTEX	<0.300	0.300	01/17/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	128	% 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	272	16.0	01/17/2025	ND	416	104	400	7.41	
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	01/18/2025	ND	200	99.8	200	3.72	
DRO >C10-C28*	<10.0	10.0	01/18/2025	ND	200	100	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	01/18/2025	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Page 133 of 324

Chain of Custody

Project Manager: Company Name:	Kellan Smith							_												Page	4	of
party rearrie.	NTG Environm	montol			Bill to:	(if different)												Nork	Ordor	Comments		_ of
Address:	13212 N Mac				Compa	any Name:									Prog	ram: 119						
City, State ZIP:					Addres	IS:									Program: UST/PST PRP Brownfields RRC uperf							
Phone:	Oklahoma Cit				City, St	tate ZIP:									1.00	-		evel III	Пре			
	(580) 682-188	9		Emai	ksmith	@ntglob	al.com								Delive	erables:	EDD	7	ADaF	_		Level
Project Name:	Forehand Ra	nch 27 State Cor	m #001H	Tur	n Around	d					er an art		-						ADar		ther:	
roject Number:		248973		Routine	√ Ru	+	Pres.		T	1	TT	AN	ALYS	IS RE	QUEST					Prese	ervative	Code
roject Location	Ed	ddy Co, NM		Due Date:	K 4	8 hr	Code		-	-	+									None: NO		Water
ampler's Name:	Gr	ant Gardner		TAT starts the	day recei	ved by the			ô											Cool: Cool		OH: N
D#:				lab, if rece	eived by 4:	30pm	5		+ MRO)											HCL: HC		NO3: H
AMPLE RECEI		np Blank:	Yes No	Wet Ice:	Yes	No	eter		+ DRO +	9										H ₂ S0 ₄ : H ₂		OH: N
ceived Intact: oler Custody Seals	A CANADA CARA	No No	Thermom		=140		Parameters	8021B		Chloride 4500										H ₃ PO ₄ : HP		
mple Custody Seals	100000	No N/A	Correction		C-0.	li	Ра	BTEX 8	GRC	oride									НОГР	NaHSO4: NA		
tal Containers:	s: Yes	No N/A		ure Reading:	-3	-80		1	SM	CP								~		Na ₂ S ₂ O ₃ : Na	-	
Sample		75	Corrected	Temperature:	-4.	42			TPH 8015M (GRO											Zn Acetate+		
Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/	# of	1	TPH											NaOH+Asco	rbic Acid	I: SAP
V-1	0-0.5'	1/15/2025		x		Comp Grab	Cont													Sampl	le Comr	ments
V-1	1-1.5'	1/15/2025		X		Grab	1	X	X	x										1		
V-1	2-2.5'	1/15/2025		x		Grab	1	X	X	x										2		
V-1	3-3.5'	1/15/2025		x		Grab	1	X	х	х										3		
V-1	4-4.5'	1/15/2025		x		Grab	1	X	х	x		-								4		
V-1	5-5.5'	1/15/2025		x	-	Grab		X	х	x										5		
V-1	6-6.5'	1/15/2025		x		Grab	1	x	x	x										Q		
V-1	7-7.5'	1/15/2025		x		Grab		X	x	x										7		
V-1	8-8.5'	1/15/2025		x		Grab	1	X	x	x										8		
V-1	9-9.5'	1/15/2025		x		Grab	1	X	X	x	-									9		
	al Comments:					Giab	1	x	x	x										10		



Page 134 of 324

Chain of Custody

International Bill of athlewn Work Order Comments ddress 13212 MacAthur Blvd Address Image: Company Name Mork Andress Program: USTPST [PRP] Brownfields [RRC] Uper and the optical international internatinternatinterate international internatinterate international int	Company Name: NT Address: 13 City, State ZIP: Ok Phone: (58 Project Name: Project Number: Project Location Image: Company Name: O #: Image: Company Name: O #: <t< th=""><th>TG Environn 3212 N Mac/ klahoma City 80) 682-1889 Forehand Rar Ed Gra</th><th>Arthur Blvd 7, OK 73142 9 ach 27 State Con 248973 dy Co, NM</th><th>n #001H</th><th></th><th>Compa Addres City, Si</th><th>any Name ss: tate ZIP:</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>1</th><th>Nork</th><th>Ordor</th><th></th><th>2 of</th></t<>	TG Environn 3212 N Mac/ klahoma City 80) 682-1889 Forehand Rar Ed Gra	Arthur Blvd 7, OK 73142 9 ach 27 State Con 248973 dy Co, NM	n # 001H		Compa Addres City, Si	any Name ss: tate ZIP:											1	Nork	Ordor		2 of
ddress 13212 N MacArthur Blvd Address my. State ZIP Oklahoma City, OK 73142 City, State ZIP (580) 682-1889 Email Ksmth@ntolobal.com roject Name (580) 682-1889 Email roject Name Coty, State ZIP roject Name Grave Area	Address: 13 City, State ZIP: Ok Phone: (58 Project Name: Project Number: Project Location ampler's Name: O #: Physical Colored Col	3212 N Mac/ klahoma City 80) 682-188 Forehand Rar Ed Gra	Arthur Blvd 7, OK 73142 9 ach 27 State Con 248973 dy Co, NM	n #001H		Addres City, St	ss: tate ZIP:	:	-							and the second s						
by: State 2IP Oklahoma City, OK 73142 City, State 2IP State of Project: (560) 682-1889 Email ksmith@intglobal.com Proving:Level II Level II Level II Deliverable: EDD ADaPT Other: origet Number Forehand Ranch 27 State Com 8001H Turn Argund Preservative Cod ADaPT Preservative Cod oglet Location Eddy Co, NM Due Date: 48 br Preservative Cod None: NO Diversity oper Number Grant Gardner TAT starts the day recovered by 430m Bab Preservative Cod None: NO Diversity oper Custody Seals: Yes No Thermenter ID Vel Co Yes No None: NO Diversity oper Custody Seals: Yes No Thermenter ID Vel Co Yes No No No No V-1 10-0.05' 1/15/2025 X Grab 1 X X X I I I I No I I I No I I I I I X X I I I I No	City, State ZIP: Ok Phone: (58) Project Name: Project Number: Project Location Project Location ampler's Name: Project Name: O #: Project Intact: BAMPLE RECEIPT Project Custody Seals:	klahoma City 80) 682-1889 Forehand Rar Ed Gra	1, OK 73142 9 10ch 27 State Con 248973 dy Co, NM	n #001H		City, St	tate ZIP:									Prog	ram: US					
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Page 136 of 324

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Orgect Name: Forehand Ranch 27 State Com #001H Turn Around Press. ANALYSIS REQUEST Press. None: NO DI Wate Mone: NO DI Wate Mone: NO DI Wate None: NO None: NO DI Wate None: NO None: NO DI Wate None: NO Di Wate <td>Project Name: Foreband Ranch 27 State Com 20011 Turn Around Project Number ANALYSIS REQUEST Preservative Col Adam Preservative Col Project Number: 248973 Routine Routine Routine Preservative Col None: Non Di W Project Number: Crant Gardner TAT starts the day recorded by the d</td> <td>Project Name: Foreband Ranch 27 State Com 20011 Turn Around Preservative Coll Under Preservative Coll Under Preservative Coll Outper Preservative Coll Preservative Coll Coll<!--</td--><td>Transme Foreband Rench 27 State Com 8001H Turn Around Press. ANAL YSIS REQUEST Preservat Preservat Project Number 248973 Boutine Bush Color None: NO None: NO ampler's Name Grant Gardiner TAT state the day received by 4.30m Sector Preservat None: NO Sample received Intact View No The state the day received by 4.30m Preservat Preservat Preservat Preservat Preservat Cool Cool Cool Cool</td><td></td><td></td><td></td><td></td><td>Email</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td>Repor</td><td>ting:Lev</td><td>el II 🗌 L</td><td>evel III</td><td>₽s</td><td></td><td>P 🗌 Lev</td></td>	Project Name: Foreband Ranch 27 State Com 20011 Turn Around Project Number ANALYSIS REQUEST Preservative Col Adam Preservative Col Project Number: 248973 Routine Routine Routine Preservative Col None: Non Di W Project Number: Crant Gardner TAT starts the day recorded by the d	Project Name: Foreband Ranch 27 State Com 20011 Turn Around Preservative Coll Under Preservative Coll Under Preservative Coll Outper Preservative Coll Preservative Coll Coll </td <td>Transme Foreband Rench 27 State Com 8001H Turn Around Press. ANAL YSIS REQUEST Preservat Preservat Project Number 248973 Boutine Bush Color None: NO None: NO ampler's Name Grant Gardiner TAT state the day received by 4.30m Sector Preservat None: NO Sample received Intact View No The state the day received by 4.30m Preservat Preservat Preservat Preservat Preservat Cool Cool Cool Cool</td> <td></td> <td></td> <td></td> <td></td> <td>Email</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>Repor</td> <td>ting:Lev</td> <td>el II 🗌 L</td> <td>evel III</td> <td>₽s</td> <td></td> <td>P 🗌 Lev</td>	Transme Foreband Rench 27 State Com 8001H Turn Around Press. ANAL YSIS REQUEST Preservat Preservat Project Number 248973 Boutine Bush Color None: NO None: NO ampler's Name Grant Gardiner TAT state the day received by 4.30m Sector Preservat None: NO Sample received Intact View No The state the day received by 4.30m Preservat Preservat Preservat Preservat Preservat Cool Cool					Email										_	Repor	ting:Lev	el II 🗌 L	evel III	₽s		P 🗌 Lev
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AMPLE RECEIPT Temp Blank: Yes Wet Ice: Yes No Thermometer ID: Yes Yes No Thermometer ID: Yes Yes No Temperature Reading: Yes Yes No NA Correction Factor: Court Yes Yes No NA Correction Factor: Court Yes Yes No NA Temperature Reading: Yes Yes No NA Temperature Reading: Yes Yes No NA Temperature Reading: Yes Yes No NABISO, NABIS NaBISO, NABI	AMPLE RECEIPT Temp Blank: Yes Ye	AMPLE RECEIPT Temp Blank Yes Wet loc: Yes Yes Wet loc: Yes Yes Wet loc: Yes Yes Wet loc: Yes	AMPLE RECEIPT Temp Blank: Yes Ye		0	un Garuner		TAT starts the lab, if rece	day received by 4:	ved by the 30pm			MRO												
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	Additional Comments: e: 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 nco. 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) Beactimed to company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions nco. 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.	Additional Comments: e: 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 nroice. 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 nco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by:	Additional Comments: e: 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 nroice. 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 nco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by:	V-5	0-0.5'	1/15/2025					1				_	-								39	
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Page 137 of 324

Chain of Custody

Project Manager:	Kellan Smith							_												Page	_5 of
Company Name:	NTG Environ				141 16 20 1	(if different)	100										N. Carlos	Work	Order	Comments	_001
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City, State ZIP:		ty, OK 73142			Addres										State	of Proj	ject:		Luce		C uperfu
hone:	(580) 682-188				2	tate ZIP:									Repo	rting:Le	vel II 🗌 L	_evel III	Þs		
				Emai	ksmith	@ntglob	al.com	_		-					Deliv	erables:	EDD [PT Othe	
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V-5	3-3.5'	1/15/2025		x		Grab	1	X	X	x								1		42	
V-5	4-4.5'	1/15/2025		x		Grab	1	X	x	×										43	
V-6	0-0.5'	1/15/2025		x		Grab	1	X	X	×										44	
V-6	1-1.5'	1/15/2025		x		Grab	1	X	x	x										45	
V-6	2-2.5'	1/15/2025		x		Grab	1	X	X	X										410	
V-6	3-3.5'	1/15/2025		x		Grab Grab	1	X	X	x										47	
V-6	4-4.5'	1/15/2025		x		Grab	1	X	x	x										48	
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Page 138 of 324

Chain of Custody

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Address:	13212 N Mac					any Name):								Progr	am: UST				Comments	
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Phone:	(580) 682-188					tate ZIP:										-		evel III	Прет		л П.
Irojant N.				Emai	l: <u>ksmith</u>	@ntglob	bal.com	_							Delive	ables: I			ADaP		
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dentification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/	# of		TPH										H	ACTIVASCOID	IC ACID: SAPI
V-7	1-1.5'	1/15/2025		x		Comp Grab	Cont	-		<u> </u>										Sample	Comments
V-7	2-2.5'	1/15/2025		x		Grab	1	X	X	×										51	
V-7	3-3.5'	1/15/2025		x		Grab	1	x	X	X										52	
V-7	4-4.5'	1/15/2025		x		Grab	· ·	x	X	x										53	
V-8	0-0.5'	1/15/2025		x			1	X	x	X										54	
V-8	1-1.5'	1/15/2025		x		Grab	1	X	X	x										55	
V-8	2-2.5'	1/15/2025		x		Grab	1	x	X	x											
V-8	3-3.5'	1/15/2025		x		Grab Grab	1	X	х	x										54	
V-8	4-4.5'	1/15/2025		x			1	X	х	X									4	58	
V-9	0-0.5'	1/15/2025		x		Grab	1	x	x	х										59	
Addition	al Comments:			^		Grab	1	x	X	х										lo	
Signature of this do	cument and relinqui	ishment of sample	s constitutes	a valid purchase	ordor fr	e elle et															
Signature of this do ice. Xenco will be lia co. A minimum charg	ble only for the cost le of \$85.00 will be a	t of samples and s	hall not assu	me any responsit	olity for an	y losses or	pany to Xe expenses	incurrer	affiliate	es and s	ubcontracto	rs. It as	signs sta	andard to	erms and c	onditions					
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ant Gardner	oignature)	1	Received b	oy: (Signature	e)		D	ate/Ti	me		Relingu						- t	(8)			
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Page 139 of 324

Chain of Custody

Project Manager: Company Name: Address: City, State ZIP: Phone:	Kellan Smith NTG Environ																					
Address: City, State ZIP:					Bill to:	(if different)			_	_											Page	_7 of
City, State ZIP:		mental				1	Will Prove the	-		_								N	Vork (Order	Comments	01
STATE OF STREET	THE TE THINK	Arthur Blvd			State of the	iny Name	9:								Pro	gram:	UST/P	ST	PRP	Broy	vnfields RRC	
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	(580) 682-188			Email	City, St										Rep	orting	Level	Le	vel III	₽s		
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roject Number:	Forenand Ra	anch 27 State Con	n #001H		n Around	d					and the second	۵	NALV	SIS RE		-						
roject Location		248973		Routine	🗸 🖓 Ru	sh	Pres. Code			T	TT	Ť		313 Kt	QUES		1	1	1	1		ative Code
ampler's Name:		ddy Co, NM		Due Date:	4	8 hr				1		-	-		+	+	+	-		-	None: NO	DI Water:
O #:	Gr	ant Gardner		TAT starts the	day receiv	ved by the			RO)												Cool: Cool	MeOH: M
AMPLE RECEI	PT T			lab, if rece			r N		+ MRO)												HCL: HC	HNO3: HN
ceived Intact:		np Blank:	Yes No			No	Parameters	9	8015M (GRO + DRO	8											H ₂ S0 ₄ : H ₂	NaOH: Na
oler Custody Seals	CONTRACTOR .	No N/A	Thermome		14		aran	BTEX 8021B	+ t	Chloride 4500											H ₃ PO ₄ : HP	
mple Custody Seal		No N/A	Correction		C-0	"le"	Å	TEX	GR	lorid										НОГР	NaHSO4: NABI	
al Containers:	100	75		ure Reading:	-3.			1	5M (5											Na ₂ S ₂ O ₃ : NaSC	
Sample			Conected	Temperature:	-4	. Yip			801												Zn Acetate+Nat	
Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/	# of		TPH												NaOH+Ascorbic	Acid: SAP
V-9	1-1.5'	1/15/2025		x		Comp	Cont														Sample (omments
V-9	2-2.5'	1/15/2025		x		Grab	1	x	x	х						-					1.01	
V-9	3-3.5'	1/15/2025				Grab	1	x	x	x					1	-			-		Lel .	
V-9	4-4.5'	1/15/2025		X		Grab	1	X	x	х								-	-		UZ.	
V-10	0-0.5'	1/15/2025		X		Grab	1	x	х	x								-			63	
V-10	1-1.5'	1/15/2025		X		Grab	1	х	х	х			-	-				-+	-+		64	
V-10	2-2.5'	1/15/2025		x		Grab	1	х	х	х			+	-				-+	-+	-	65	
V-10	3-3.5'	1/15/2025		X		Grab	1	x	x	x			-	-				-	-+		10	
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V-10										~											.0	
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Chain of Custody

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February 24, 2025

KELLAN SMITH NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: FHR 27 STATE COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 02/21/25 13:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 1 4' (H251051-01)

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	02/21/2025	ND	2.17	109	2.00	1.99	
Toluene*	<0.050	0.050	02/21/2025	ND	2.31	116	2.00	2.46	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.36	118	2.00	4.10	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	7.07	118	6.00	4.70	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 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	720	16.0	02/23/2025	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	02/21/2025	ND	209	105	200	0.0440	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	207	103	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	83.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	0						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 2 4' (H251051-02)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	1.99	
Toluene*	<0.050	0.050	02/21/2025	ND	2.31	116	2.00	2.46	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.36	118	2.00	4.10	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	7.07	118	6.00	4.70	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	336	16.0	02/23/2025	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	02/21/2025	ND	209	105	200	0.0440	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	207	103	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, whother based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 3 4' (H251051-03)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.17	109	2.00	1.99	
Toluene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	2.46	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.36	118	2.00	4.10	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.07	118	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2025	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	336	16.0	02/23/2025	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	02/21/2025	ND	209	105	200	0.0440	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	207	103	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	78.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 4 4' (H251051-04)

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	02/22/2025	ND	2.17	109	2.00	1.99	
Toluene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	2.46	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.36	118	2.00	4.10	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.07	118	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	352	16.0	02/23/2025	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	02/21/2025	ND	209	105	200	0.0440	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	207	103	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.8	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 5 4' (H251051-05)

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	02/22/2025	ND	2.17	109	2.00	1.99	
Toluene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	2.46	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.36	118	2.00	4.10	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.07	118	6.00	4.70	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	480	16.0	02/23/2025	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	02/21/2025	ND	209	105	200	0.0440	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	207	103	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	68.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	65.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 6 4' (H251051-06)

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	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 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	1380	16.0	02/23/2025	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	02/21/2025	ND	209	105	200	0.0440	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	207	103	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	81.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 7 4' (H251051-07)

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	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/23/2025	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	02/21/2025	ND	209	105	200	0.0440	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	207	103	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	77.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 8 4' (H251051-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	144	16.0	02/23/2025	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	02/22/2025	ND	209	105	200	0.0440	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	103	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 9 4' (H251051-09)

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	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	2320	16.0	02/23/2025	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	02/22/2025	ND	209	105	200	0.0440	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	103	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	81.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 10 4' (H251051-10)

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	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.2	% 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	640	16.0	02/23/2025	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	02/22/2025	ND	209	105	200	0.0440	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	207	103	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 11 4' (H251051-11)

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	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 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	416	16.0	02/23/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	73.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 12 4' (H251051-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	2400	16.0	02/23/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	91.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 13 4' (H251051-13)

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	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	1410	16.0	02/23/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 14 4' (H251051-14)

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	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	368	16.0	02/23/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	86.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 15 4' (H251051-15)

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	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 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	1710	16.0	02/23/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 16 4' (H251051-16)

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	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 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	112	16.0	02/23/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 17 4' (H251051-17)

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	02/21/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/21/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 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	208	16.0	02/23/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 18 4' (H251051-18)

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	02/22/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/22/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	02/24/2025	ND	432	108	400	3.77	QM-07
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 19 4' (H251051-19)

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	02/22/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/22/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 20 4' (H251051-20)

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	02/22/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/22/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 21 4' (H251051-21)

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	02/22/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/22/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	82.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 22 4' (H251051-22)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/22/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	70.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 23 4' (H251051-23)

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	02/22/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/22/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	87.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 24 4' (H251051-24)

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	02/22/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/22/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	84.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.7	% 49.1-14	8						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 25 4' (H251051-25)

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	02/22/2025	ND	2.14	107	2.00	0.691	
Toluene*	<0.050	0.050	02/22/2025	ND	2.17	109	2.00	0.731	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.06	103	2.00	0.823	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.03	101	6.00	0.748	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	83.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 26 4' (H251051-26)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 27 4' (H251051-27)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 28 4' (H251051-28)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 29 4' (H251051-29)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 30 4' (H251051-30)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	02/24/2025	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	02/22/2025	ND	200	99.8	200	2.48	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	100	200	4.58	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	87.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 31 4' (H251051-31)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	02/24/2025	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	99.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 32 4' (H251051-32)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	02/24/2025	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 33 4' (H251051-33)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	02/24/2025	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 34 4' (H251051-34)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	02/24/2025	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 35 4' (H251051-35)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	02/24/2025	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 36 4' (H251051-36)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	02/24/2025	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 37 4' (H251051-37)

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	02/21/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/21/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/21/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/21/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/21/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	02/24/2025	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 38 4' (H251051-38)

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	02/22/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/22/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 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	880	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 39 4' (H251051-39)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/22/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	720	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	84.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 40 4' (H251051-40)

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	02/22/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/22/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/22/2025	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	752	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 41 4' (H251051-41)

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	02/22/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/22/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	848	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 42 4' (H251051-42)

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	02/22/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/22/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 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	832	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	97.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 43 4' (H251051-43)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/22/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	640	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	98.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.5	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 44 4' (H251051-44)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/22/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 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	704	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 45 4' (H251051-45)

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	02/22/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/22/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	688	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 46 4' (H251051-46)

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	02/22/2025	ND	2.17	108	2.00	0.755	
Toluene*	<0.050	0.050	02/22/2025	ND	2.21	111	2.00	1.10	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.21	110	2.00	1.55	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.68	111	6.00	1.68	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	688	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 47 4' (H251051-47)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 48 4' (H251051-48)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 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	720	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	99.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 49 4' (H251051-49)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	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	800	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 50 4' (H251051-50)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 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	688	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	212	106	200	2.98	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	0.970	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 51 4' (H251051-51)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	832	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	97.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 52 4' (H251051-52)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	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	768	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 53 4' (H251051-53)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	560	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 54 4' (H251051-54)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	464	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 55 4' (H251051-55)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	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	688	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 56 4' (H251051-56)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	624	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	11.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	10.2	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 57 4' (H251051-57)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	592	16.0	02/23/2025	ND	416	104	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	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 58 4' (H251051-58)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/24/2025	ND	448	112	400	3.64	QM-07
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	103 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 59 4' (H251051-59)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 60 4' (H251051-60)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 61 4' (H251051-61)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 62 4' (H251051-62)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 63 4' (H251051-63)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	94.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 64 4' (H251051-64)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 65 4' (H251051-65)

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	02/22/2025	ND	2.21	110	2.00	1.83	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.415	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.26	113	2.00	1.15	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.95	116	6.00	1.15	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	92.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 66 4' (H251051-66)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	88.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.1	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 67 4' (H251051-67)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 68 4' (H251051-68)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 69 4' (H251051-69)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 70 4' (H251051-70)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	202	101	200	0.657	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	93.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 71 4' (H251051-71)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 72 4' (H251051-72)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	91.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 73 4' (H251051-73)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 74 4' (H251051-74)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 75 4' (H251051-75)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 76 4' (H251051-76)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	93.0	% 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 KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 77 4' (H251051-77)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/24/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	105 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	132 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 78 4' (H251051-78)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	400	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 79 4' (H251051-79)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 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	352	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 80 4' (H251051-80)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	320	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100 9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: Here 105

Page 83 of 90

Address: 13	NTG Environm 3212 N MacA	ental			Bill to: G	different										1					No. Contraction
Address: 13		Kellan Smith Bill to: (if different) NTG Environmental Company Name:												Comments	1 B S SE						
				i rogium. oo mi of					PRP	row	nfields RC	perfund									
	Oklahoma City				Address	State Land								-		f Projec			_	_	_
Phone: (5	580) 682-1889				City, Sta						-			_		ng:Level				_	Level IV
				Email	ksmith(antgloba	Il.com		1	1					Deliver	ables: E		1	ADaP	T Other:	
Project Name:	FHR 27 8	State Com #0	01H	Tur	n Around		16			2	1.3	AN	ALYS	S RE	QUEST			19.957		Preservat	ive Codes
Project Number:		248973		Routine	🗹 Rush		Pres. Code											T	Τ	None: NO	DI Water: H
Project Location	Ed	dy Co, NM		Due Date:	24	l hr											-	-		Cool: Cool	
Sampler's Name:	Ту	ler Kimball		TAT starts the			1		MRO)											HCL: HC	MeOH: Me HNO ₃ : HN
20 #:				lab, if rece	eived by 4:3		S.		¥											H ₂ S0 ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	- 1011	p Blank:	Yes No	Wet Ice:	Yes	No	nete	1	DRO	4500										H ₃ PO ₄ : HP	
Received Intact:	Ye	11	Thermom		#140		Parameters	802	+ 0	le 46									9	NaHSO4: NABIS	
Cooler Custody Seals:		Ne N/A	Correction		C+0.	~	à	BTEX 8021B	GR	Chloride									НОГР	Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals: otal Containers:	Yes	No N/A		ure Reading:	3.7			m	15M	5										Zn Acetate+NaO	H: Zn
		157	Corrected	Temperature:	3.0	50			TPH 8015M (GRO + DRO +											NaOH+Ascorbic	Acid: SAPC
Sample D Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPI											Sample Co	omments
CS-1	4'	2/21/2025		x		Comp	1	x	x	x		+	+	+		-	+	-	-		
CS-2	4'	2/21/2025		x		Comp	1	x	x	x	-	-	-	+		-	+	-			
CS-3	4'	2/21/2025		x		Comp	1	x	x	x		-	+	+		+	+		-		
CS-4	4'	2/21/2025		х		Comp	1	x	x	x		+	+-	+	+		+	-	-		
CS-5	4'	2/21/2025		x		Comp	1	x	x	x	-	+	+	+	+	-	+	-			
CS-6	4'	2/21/2025		x		Comp	1	x	x	x	-	-	+	-		-	+				
CS-7	4'	2/21/2025		x		Comp	1	x	x	x	-	-	-	-			+	-			
CS-8	4'	2/21/2025		x		Comp	1	x	x	x	-	-	-	+		-	-	-			
CS-9	4'	2/21/2025		x		Comp	1					-	-	-			-	-			- 11 - 1 - 1
CS-10	4'	2/21/2025		x			1	-				-	-	+	+	-	-	-			
CS-10		2/21/2025				Comp Comp		x x	x x	x x											



Page 224 of 324

Chain of Custody

Work Order No: <u>#25/05/</u>

Page 84 of 90

Project Manager:	Kellan Smith				Dill to								-							Page _	2 of16
Company Name:	NTG Environr	mental				if different)		-										Work	Order	Comments	1.18
Address:	13212 N Mac					ny Name:		-							Progra	am: US1	/PST	PRP	rov	vnfields 🕅	RC _uperfund
City, State ZIP:	Oklahoma Cit				Address			-							State	of Proje	ct:				
Phone:	(580) 682-188				City, Sta										Report	ing:Leve	1 II 🗌	Level II	I ⊡s		RP Level IV
				Email	ksmith	@ntglob	al.com								Delive	rables: I	EDD [ADal	от 🗆 От	ther:
Project Name:	FHR 27	State Com #0	01H	Tur	n Around	ł			-	-		AN	ALYSI	S RE	QUEST		20.0	STORES.		Denne	
Project Number:		248973		Routine	🗹 Rush	h	Pres. Code					T	T	T	TT				1		ervative Codes
Project Location		ddy Co, NM		Due Date:	24	4 hr						-	+	+			+	+	+	None: NO	DI Water: H
Sampler's Name:	T	yler Kimball		TAT starts the	day receiv	ved by the			RO)											Cool: Cool HCL: HC	MeOH: Me
SAMPLE RECE				lab, if rece	eived by 4:	30pm	ŝ		+ MRO)											HCL. HC H ₂ SO ₄ : H ₂	HNO ₃ : HN NaOH: Na
Received Intact:		np Blank:	Yes No		Yes	No	nete	8	DRO	00										H ₃ PO ₄ : HP	NaOH. Na
Cooler Custody Seal		No No	Thermom		#14	_	Parameters	BTEX 8021B	+	Chloride 4500									9	NaHSO4: NA	ARIS
Sample Custody Sea		No N/A	Correction		C+0?		6	TEX	GR	lorid									НОГР	Na ₂ S ₂ O ₃ : Na	
Total Containers:	alls. Tes	157		ure Reading: Temperature:	3:-	10		_	TPH 8015M (GRO + DRO	ð										Zn Acetate+	
Sample	-		Conected	Temperature:	3	-			H 80												orbic Acid: SAPC
Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		L ∎											Samo	le Comments
CS-11	4'	2/21/2025		х		Comp	1	x	x	x		+	-	-	+		-	+	-	oump	ie comments
CS-12	4'	2/21/2025		x		Comp	1	x	x	x		+	-	-	+	_	+	-	+		
CS-13	4'	2/21/2025		х		Comp	1	x	x	x		+	+	-	+		+	-	+		
CS-14	4'	2/21/2025		х		Comp	1	x	x	x		+	+	-	+	+		-	-		
CS-15	4'	2/21/2025		x		Comp	1	x	x	x		+	+	-	\vdash	-+	-	-			
CS-16	4'	2/21/2025		x		Comp	1	x	x	x	-	+	+	-	\vdash	-	+	+	-		
CS-17	4'	2/21/2025		x	2.2.2.2	Comp	1	x	x	x		-	+	-			+	-	-		
CS-18	4'	2/21/2025		x		Comp	1	x	x	x		-	-				-	+	-		
CS-19	4'	2/21/2025		x		Comp	1	x	x	x		-	-				-	-	-		
CS-20	4'	2/21/2025		X		Comp	1	x	x	x	-	+	+			-	-	-	-		
Additio	onal Comments	:																			
otice: Signature of this d service. Xenco will be li Xenco. A minimum cha	ocument and relinqui liable only for the cos	shment of samples t of samples and s	s constitutes hall not assu	a valid purchase o me any responsibi	rder from c lity for any	lient comp losses or e	any to Xenc xpenses inc	o, its aff curred b	filiates a y the cli	nd subc ent if su	ontractors. ch losses a	It assign	ns standa	rd term	s and cond	litions					
Relinquished by:						ubmitted to	Xenco, but	not anal	lyzed. Tł	hese ter	ms will be e	nforced u	unless pre	eviously	negotiated	1.					
Tyler Kimball	(olgnature)			by: (Signatur	e)	100	D	ate/Ti	ime		Relinq	uished	by: (Si	gnatu	re)	Red	ceived	by: (S	ignatu	re)	Date/Time
		apa	ias				aala	15	1331	0 2											

Released to Imaging: 6/23/2025 9:03:45 AM



Chain of Custody

Work Order No: <u><u>H251051</u></u>

Page 85 of 90

																						Page	2 of 10
Project Manager:	Kellan Smith	-			Bill to: (if different)												1	W	lork C	Irdor	Comments	3 of16
Company Name:	NTG Environm	nental			Compa	ny Name:										Prog	ram: 11	CT/DC					
Address:	13212 N Mac/	Arthur Blvd			Address	5:									-	State	of Proj	iect [.]		RP [_srow	nfields RC	perfund
City, State ZIP:	Oklahoma Cit	y, OK 73142			City, Sta	ate ZIP:	18.385								-		rting:Le				Der		
Phone:	(580) 682-188	9		Email		@ntgloba	al.com	-							-		erables:				ADaP		Level IV
Project Name:	FHR 27	State Com #0	001H	Tur	n Around	1				a se		515			DE	L					/ Dui		
Project Number:		248973		Routine	🖸 Rush	1	Pres. Code		T	1	T	T	ANA		REG	QUEST	Г			-	-		ative Codes
Project Location	E	ddy Co, NM		Due Date:	2	4 hr	Code		+	+	+	-	-	+		-	+	_			-	None: NO	DI Water: H ₂ 0
Sampler's Name:	Ту	ler Kimball		TAT starts the					Ô													Cool: Cool	MeOH: Me
PO #:				lab, if rece	eived by 4:	30pm	s		¥ ¥													HCL: HC	HNO3: HN
SAMPLE RECE	IPT Ter	ng Blank:	Yes No	Wet Ice:	Yes	No	Parameters		No.	8												H ₂ S0 ₄ : H ₂	NaOH: Na
Received Intact:	X	8 No	Thermom	eter ID:	Hubi		ram	BTEX 8021B	+	Chloride 4500												H ₃ PO ₄ : HP	
Cooler Custody Seal	100	No N/A	Correction		C+0.	ろこ	Ра	EX	GRO	orid											НОГР	NaHSO ₄ : NABI Na ₂ S ₂ O ₃ : NaSC	
Sample Custody Sea	ils: Yes	Nø N/A		ure Reading:	2:-			6	TPH 8015M (GRO + DRO + MRO)	- F											-	Zn Acetate+Na	
Total Containers:		157	Corrected	Temperature:	3.	02			801													NaOH+Ascorbio	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	1	H														
CS-21	4'	2/21/2025		x		Comp	1	x	x	x	-				_			_				Sample	Comments
CS-22	4'	2/21/2025		x		Comp	1	x	x	x	-							\rightarrow					
CS-23	4'	2/21/2025		x		Comp	1	x	x	x							_	-+					
CS-24	4'	2/21/2025		x		Comp	1	x	x	x								\rightarrow					
CS-25	4'	2/21/2025		x		Comp	1	x	x	x							_	_					
CS-26	4'	2/21/2025		x		Comp	1	x	x	x								_					
CS-27	4'	2/21/2025		x		Comp	1	x	x	x					_		_	\rightarrow	_	_			
CS-28	4'	2/21/2025		x		Comp	1	x	x	x		-			-		-	-	-	-			
CS-29	4'	2/21/2025		x		Comp	1	x	x	x					-		-	-			_		
CS-30	4'	2/21/2025		x		Comp	1	x	x	x					_			-	-	-	_		
Additio	nal Comments	:							-														
tice: Signature of this d	ocument and relingui	shment of sample	s constitutes	a valid purchase	ada a fa	Prove																	
otice: Signature of this de service. Xenco will be li Xenco. A minimum cha	able only for the cost	t of samples and s	hall not assu	me any responsibi	lity for any	losses or ex	ny to Xenc penses inc	o, its aff	filiates a y the cli	and sub ient if s	contract uch loss	ors. It a	ussigns :	standaro	term	s and co	nditions						
					1	ibmitted to)	Kenco, but	not ana	lyzed. T	hese te	rms will	be enfo	rced unl	ess prev	iously	negotiat	ed.						
Relinquished by:	(Signature)	-		by: (Signatur	e)	1	S. January	ate/T	,		Rel	inquis	hed b	y: (Sig	natu	re)	R	eceiv	ed by	r: (Sig	natur	e) [Date/Time
yier Kimbali		app	una	>		C	2.21	251	137	0	2												
								1			4												
											6												



Chain of Custody

Work Order No: <u>#257051</u>

Page 86 of 90

Project Manager:	Kellan Smith				Dill			-							_							Page _	_40	of16_
A DE LE CONTRA					Bill to: (if			-											N	lork (Order	Comments		1.1
Company Name:	NTG Environm				100 C 100	ny Name:		-								Prog	ram: L	IST/PS	ST 🗍	PRP	rov	nfields R	c 🗍	perfund
Address:	13212 N MacA				Address	141.5 14 3251	1. 19 M	-									e of Pro							
City, State ZIP:	Oklahoma City				City, Sta											Repo	orting:L	evel II	Le	vel III	Ds	T/UST RR	P Le	evel IV
Phone:	(580) 682-188	9		Email	: <u>ksmith(</u>	@ntgloba	al.com									Deliv	erables	EDE		-	ADal	PT Oth	ner:	
Project Name:	FHR 27 5	State Com #0	01H	Tur	n Around								ANAL	YSIS	REC	UES	т					Prese	vative 0	Codes
roject Number:		248973		Routine	🗹 Rush		Pres. Code													Τ	T	None: NO		Vater: Ha
roject Location	Ed	ldy Co, NM		Due Date:	24	4 hr															-	Cool: Cool		DH: Me
ampler's Name:	Ту	ler Kimball		TAT starts the			1		R0)													HCL: HC		Dri. Ivie
0#:				lab, if rece	eived by 4:3	30pm	S		¥ +													H ₂ S0 ₄ : H ₂		DH: Na
AMPLE RECE	Ten	np Blank:	Yes No	Wet Ice:	Kes	No	nete	₽ ₽	DRO	200												H ₃ PO ₄ : HP		
eceived Intact:	and the second se	No	Thermom		#140		Parameters	BTEX 8021B	¢	Chloride 4500											НОГР	NaHSO4: NA	BIS	
ooler Custody Sea		No N/A	Correction		Cto.		•	EX	GR	lori											오	Na ₂ S ₂ O ₃ : Na	SO3	
ample Custody Sea otal Containers:		157 N/A		ure Reading:	2:-			—	15M	Ū											1	Zn Acetate+	NaOH: Zn	1
		157	Corrected	Temperature:	3.1	ni		1	TPH 8015M (GRO + DRO + MRO)													NaOH+Asco	rbic Acid:	SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		₽													Sampl	e Comm	nents
CS-31	4'	2/21/2025		x		Comp	1	x	x	x					_	1					-			1997 B. 19
CS-32	4'	2/21/2025		х		Comp	1	x	x	x											+			
CS-33	4'	2/21/2025		х		Comp	1	x	x	x											+			
CS-34	4'	2/21/2025		х		Comp	1	x	x	x											\vdash			
CS-35	4'	2/21/2025	*	х		Comp	1	х	x	x											+			
CS-36	4'	2/21/2025		х		Comp	1	x	x	x					-									
CS-37	4'	2/21/2025		x	(Comp	1	x	x	x											+			
CS-38	4'	2/21/2025		х		Comp	1	x	x	x														
CS-39	4'	2/21/2025		х		Comp	1	x	x	x														
CS-40	4'	2/21/2025		х	_	Comp	1	х	х	x											-			
Additi	onal Comments	:																				1		
ervice. Actico will be	document and relinqui liable only for the cos arge of \$85.00 will be a	t of samples and s	shall not accu	ime any recooncil	ility for any	Income on the second												s ol						
Relinquished by		A. 9. 3 3 4 5	12.0 100 100 100	d by: (Signatu				Date/T					hed by					Recei	ived b	W. (Si	ignatu		Deta	Time
yler Kimball		an	up	2			a.a.		1200	70	2	quio		J. (Olg	indito		1999 (1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	RECE	Weu L	y. (SI	gnalt		Date/1	nine
		Soft	VVV.				Jar	ND,	100						_									

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Page 227 of 324

Chain of Custody

Work Order No: <u>H251051</u>

Page 87 of 90

Project Manager:	Kellan Smith				Dill to		a series	1											1000		Page	5	of
Company Name:	NTG Environm	ontol			Bill to: (if										44	2152					Comments	5	1. 2.
Address:						y Name:		-							_				PRP	Irow	nfields	RC 🗌	perfu
ENDER PROFILE STREET	13212 N MacA				Address	1000		-					_		- 1		f Projec						
City, State ZIP:	Oklahoma City				City, Sta	te ZIP:	1. 19												Level III	₽sī		RP	Level
Phone:	(580) 682-188	9		Email	l: <u>ksmith(</u>	@ntgloba	al.com						_			Delivera	ables: E	DD [ADaP	т 🗆 с	ther:	
Project Name:	FHR 27 3	State Com #0	01H	Tur	n Around								ANA	LYSIS	REOL	JEST					Proc	ervative	Cod
Project Number:		248973		Routine	Rush		Pres. Code											Т		T	None: NO		Wate
Project Location	Ed	ldy Co, NM		Due Date:	24	l hr						-			+		-	+		+	-		
Sampler's Name:	Ту	ler Kimball		TAT starts the			1		30)												Cool: Cool HCL: HC		eOH: N NO ₃ : H
PO #:					eived by 4:3		y		W +												HCL. HC H ₂ S0 ₄ : H ₂		
SAMPLE RECEI	PT Ten	p Blank:	Yes No	Wet Ice:	Yes	No	Parameters		DRO	8											H ₃ PO ₄ : HP	140	1011. IN
Received Intact:	Ke	A	Thermom	eter ID:	#140		Iram	BTEX 8021B	+ 0	Chloride 4500										9	NaHSO ₄ : N	ABIS	
Cooler Custody Seals		NO N/A	Correction		C+0.1		Pa	TEX	GR	lorid										НОГР	Na ₂ S ₂ O ₃ : N		
Sample Custody Seal	ls: Yes	Ne N/A	the second se	ture Reading:	2:-			m l	15M	ъ											Zn Acetate-		Zn
Total Containers:		157	Corrected	Temperature:	3.0).			TPH 8015M (GRO + DRO + MRO)												NaOH+Asc		
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPI												Sam	ole Com	ment
CS-41	4'	2/21/2025		х		Comp	1	x	x	x					+	-		+	-	+			
CS-42	4'	2/21/2025		х		Comp	1	x	x	x					+	+	-	+	-	+			_
CS-43	4'	2/21/2025		х		Comp	1	x	x	x					+	-	-	+	-	-	<u> </u>		
CS-44	4'	2/21/2025		х		Comp	1	x	х	x					+	-	+	+	-	-			
CS-45	4'	2/21/2025		х		Comp	1	x	х	x					+	-	+	+	-	+			
CS-46	4'	2/21/2025		х		Comp	1	x	x	x					+	-	-	+	+	+			
CS-47	4'	2/21/2025		х		Comp	1	x	x	x						-	-	+	+	+			
CS-48	4'	2/21/2025		x		Comp	1	x	x	x	-				+	-		+	+	+			
CS-49	4'	2/21/2025		x		Comp	1	x	x	x	-				+	-	-	+	-	-			
CS-50	4'	2/21/2025		x		Comp	1	x	x	x	-	-			+	-	-	+		-			
Notice: Signature of this do		shment of sample		a valid purchase		lient comp		:o, its af	filiates a	ind subc													
of Xenco. A minimum char Relinquished by:	3 +	applied to each pro	oject and a c	harge of \$5 for eac	ch sample su	ubmitted to	Xenco, but	not ana	lyzed. T	hese ter	ms will b	e enfo	rced un	less previe	ously n	egotiate	L.						
Tyler Kimball	(oignature)	0.00		d by: (Signatu	re)			Date/T			Reli	nquis	shed b	y: (Sigr	ature	e)	Rea	ceived	d by: (S	ignatu	re)	Date	/Time
		and	KUD	2			2.21.0	151	137	4	2												
										4	1												
																_		_					



Page 228 of 324

Chain of Custody

Page 88 of 90 Work Order No: <u>H251051</u>

Project Manager:	Kellan Smith							-													Page	6	of16_
Company Name:		and al			Bill to: (if	Sel 37 19 20		-							4						Comment	1791 - EN 18. JUL	
Address:	NTG Environm				Compar			-											PRP	row	nfields		perfund
City, State ZIP:	13212 N MacA				Address	1000 000 000		-		_					- 1	State of							
R HT T L SALE	Oklahoma City				City, Sta										- 1	Reporting			vel III	DST			Level IV
Phone:	(580) 682-1889	9		Email	: ksmith(@ntgloba	l.com									Deliverab	les: ED			ADaP	т 🗆 (Other:	
Project Name:	FHR 27 \$	State Com #0	01H	Tur	n Around				T. F.				ANAL	YSIS R	EQU	IEST					Pres	ervative	Codes
Project Number:		248973		Routine	Rush		Pres. Code								Τ						None: NO		Water: Ha
Project Location	Ed	dy Co, NM		Due Date:	24	1 hr															Cool: Cool		OH: Me
Sampler's Name:	Ту	ler Kimball		TAT starts the					MRO)												HCL: HC		NO ₃ : HN
0 #:				lab, if rece	eived by 4:	30pm	srs		+												H ₂ S0 ₄ : H ₂	Na	OH: Na
AMPLE RECEI	in i Ten	np Blank:	Yes No		Xes		nete	8	DRO	500											H ₃ PO ₄ : HP		
eceived Intact: ooler Custody Seals		s No	Thermom		#141		Parameters	802	÷ og	de 4										НОГР	NaHSO4: N	ABIS	
ample Custody Sea		No N/A	Correction		Cto		۵.	BTEX 8021B	I (GF	Chloride 4500										۲ ۲	Na2S2O3: N	NaSO ₃	
otal Containers:		157	And the second second second second	ure Reading: Temperature:	2			-	015N	0											Zn Acetate		
Sample				remperature.	0.0	-			TPH 8015M (GRO + DRO												NaOH+Asc	corbic Acid	: SAPC
Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		1												Sam	ple Com	ments
CS-51	4'	2/21/2025		х		Comp	1	x	x	x		+	-	-	+	-	+	+	-	+			
CS-52	4'	2/21/2025		х		Comp	1	x	x	x		-	-	-	+	-	+	-	-	+			
CS-53	4'	2/21/2025		х		Comp	1	x	x	x					+		+	+		+			
CS-54	4'	2/21/2025		х		Comp	1	x	x	x		+	-	+	+		+	+		-			
CS-55	4'	2/21/2025		х		Comp	1	х	x	x		-	-	+	+		+						
CS-56	4'	2/21/2025		x		Comp	1	x	x	x			-		+		+	+		-			
CS-57	4'	2/21/2025		х		Comp	1	x	x	x					+		-			-			
CS-58	4'	2/21/2025		х	-	Comp	1	х	x	x					+		-						
CS-59	4'	2/21/2025		x		Comp	1	x	x	x					+		-			1			
CS-60	4'	2/21/2025		x		Comp	1	х	х	x					+	-	-			-			
	onal Comments																	1					
tice: Signature of this de service. Xenco will be li Xenco. A minimum cha	nable only for the cos	t of samples and s	shall not assu	me any reconcil	ility for any	loccoc or or	menees In.	second L									ons ntrol						
Relinquished by:	: (Signature)	and the second	Received	by: (Signatu	re)		C)ate/T	ime		Relin	nquist	ned by	: (Signa	ature)	Rece	eived b	ov: (S	ignatu	re)	Date	/Time
ler Kimball		an	1100				2.81	201	132	210	2									0		Date	inte
		agas					1.01	40/		Y I	4												
																1					1		



Kellan Smith

Project Manager:

Page 229 of 324

Chain of Custody

Work Order No:

Page

Work Order Comments

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7	of	_16_	
	uper	fund	
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					Din to. (ii	unerent)	S. R. Law Street	_										wor	k Orde	r Comments	
Company Name:	NTG Environ	mental			Compan	y Name:									Prog	ram: U	ST/PS			wnfields RC	liperfund
Address:	13212 N Mac	Arthur Blvd			Address	:										of Pro					Ciberrana
City, State ZIP:	Oklahoma Cit	y, OK 73142			City, Sta	te ZIP:									Repo	rting:Le	evel II	Level	III De	ST/UST RRP	Level IV
Phone:	(580) 682-188	39		Email	ksmith(Intgloba	I.com		1.2							erables				aPT Other	
Project Name:	FHR 27	State Com #0	01H	Tur	n Around				N. Sel		2.50 A				QUEST	-				Broconw	ative Codes
Project Number:		248973		Routine	Rush		Pres. Code		T	Τ										None: NO	DI Water: H ₂
Project Location	E	ddy Co, NM		Due Date:	24	l hr	Code			-		-	+	+	+				+	-	
Sampler's Name:		yler Kimball		TAT starts the	-				MRO)											Cool: Cool HCL: HC	MeOH: Me HNO ₃ : HN
PO #:			0		eived by 4:3		w		₩ +											H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECE	IPT Te	mp Blank:	Yes No	Wet Ice:	Yes	No	arameters		DRO	8										H ₃ PO ₄ : HP	Haon. Ha
Received Intact:	8	es No	Thermor	neter ID:	#140		ram	BTEX 8021B	+	e 4500									9		S
Cooler Custody Sea	ls: Yes	No N/A	Correctio	n Factor:	C+0.	3:	Ра	Xa	8015M (GRO	Chloride									НОГР	Na ₂ S ₂ O ₃ : NaSO	
Sample Custody Sea	als: Yes	NO N/A	Temperat	ture Reading:	a	12		6	5M (ъ										Zn Acetate+Na	
otal Containers:	9.681	157	Corrected	d Temperature:	3.0	12			801											NaOH+Ascorbi	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	1	TPH											Sample	Comments
CS-61	4'	2/21/2025		x		Comp	1	x	x	x			-	-	+			-			
CS-62	4'	2/21/2025		×		Comp	1	x	x	x			-	-					+		
CS-63	4'	2/21/2025		X		Comp	1	x	x	x			+	-					-		
CS-64	4'	2/21/2025		х		Comp	1	x	x	x			+	-					-		
CS-65	4'	2/21/2025		х		Comp	1	x	x	x			-	-					+		
CS-66	4'	2/21/2025		x		Comp	1	x	x	x				-					+		
	4'	2/21/2025		x		Comp	1	x	x	x			-	-					-		
CS-67	4						1	x	x	x			-	-					-		
	4	2/21/2025		x		Comp		-	-	~											
CS-67		2/21/2025 2/21/2025		x x		Comp Comp	1	x	x	x			+	+				-	+		

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control

Bill to: (if different)

of Service. Xence will be have 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 c of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1.Tyler Kimball	apares	221:25/1330	2		
3		acarra of 12 or	4		
5			6		

3:0

4/7/2025

Received by OCD:



Chain of Custody

Work Order No: <u>H251051</u>

Page 90 of 90

Page 8 of 16 Project Manager Kellan Smith Bill to: (if different) Work Order Comments Company Name: NTG Environmental Company Name: Program: UST/PST PRP frownfields RC perfund Address: 13212 N MacArthur Blvd Address: State of Project: City, State ZIP: Oklahoma City, OK 73142 Reporting:Level II Level III ST/UST RRP Level IV City, State ZIP: Phone: (580) 682-1889 Deliverables: EDD ADaPT Email: ksmith@ntglobal.com Other Project Name: FHR 27 State Com #001H **Turn Around** ANALYSIS REQUEST **Preservative Codes** Pres. Project Number: □ Routine Rush 248973 Code None: NO DI Water: H₂O **Project Location** Eddy Co, NM Due Date: 24 hr Cool: Cool MeOH: Me Sampler's Name: Tyler Kimball FPH 8015M (GRO + DRO + MRO) TAT starts the day received by the HCL: HC HNO3: HN lab, if received by 4:30pm PO #: H₂SO₄: H₂ NaOH: Na SAMPLE RECEIPT Temp Blank: Yes No Wet Ice: Yes No 4500 H₃PO₄: HP **BTEX 8021B** Paramet Yes **Received Intact:** No Thermometer ID 世110 HOLD NaHSO4: NABIS Chloride Cooler Custody Seals: Yes No N/A Correction Factor 1-10.3% Na2S2O2: NaSO2 Sample Custody Seals: Yes No N/A Temperature Reading: a. フン Zn Acetate+NaOH: Zn **Total Containers** 3.0 157 Corrected Temperature: -NaOH+Ascorbic Acid: SAPC Sample Grab/ # of Depth (ft bgs) Date Time Soil Water Sample Comments Identification Cont Comp CS-71 4' 2/21/2025 Comp 1 7 х х х х 72 CS-72 4' 2/21/2025 Comp 1 х X х х CS-73 4' 2/21/2025 х Comp 1 х х х CS-74 4' 2/21/2025 Comp х 1 х Х х 75 **CS-75** 4' 2/21/2025 х Comp 1 х х х **CS-76** 4' 2/21/2025 х Comp 1 X х х CS-77 4' 2/21/2025 X Comp 1 х х х **CS-78** 4' 2/21/2025 х Comp 1 X x x **CS-79** 4' 2/21/2025 х Comp 1 X X х **CS-80** 4' 2/21/2025 х Comp 1 х X х Additional Comments: Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Relinquished by: (Signature) Received by: (Signature) Date/Time Relinquished by: (Signature) Received by: (Signature) Date/Time Tyler Kimball 221:25/1320 pouros



February 24, 2025

KELLAN SMITH NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND, TX 79706

RE: FHR 27 STATE COM #001H

Enclosed are the results of analyses for samples received by the laboratory on 02/21/25 13:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is 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



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 81 4' (H251052-01)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 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	320	16.0	02/24/2025	ND	416	104	400	3.92	
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	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	0						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 82 4' (H251052-02)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	352	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	99.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 83 4' (H251052-03)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	336	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 84 4' (H251052-04)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	336	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 85 4' (H251052-05)

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	02/22/2025	ND	2.17	109	2.00	0.861	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.0659	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.31	116	2.00	1.60	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.91	115	6.00	1.97	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	400	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.2	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 86 4' (H251052-06)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	304	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	94.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.8	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 87 4' (H251052-07)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	336	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 88 4' (H251052-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 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	368	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.8	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 89 4' (H251052-09)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 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	384	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	96.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 90 4' (H251052-10)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 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	336	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	219	109	200	4.72	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	220	110	200	5.13	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	97.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 91 4' (H251052-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 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	544	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	79.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 92 4' (H251052-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 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	368	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 93 4' (H251052-13)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 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	384	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/24/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/24/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/24/2025	ND					
Surrogate: 1-Chlorooctane	84.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.6	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 94 4' (H251052-14)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 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	528	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	70.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 95 4' (H251052-15)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 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	432	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.2	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 96 4' (H251052-16)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 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	496	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	72.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.5	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 97 4' (H251052-17)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 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	416	16.0	02/24/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	75.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 98 4' (H251052-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.2	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 99 4' (H251052-19)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	76.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.3	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 100 4' (H251052-20)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.6	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/24/2025	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	89.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	<i>93.7</i>	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 101 4' (H251052-21)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/24/2025	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 102 4' (H251052-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	78.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 103 4' (H251052-23)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 104 4' (H251052-24)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	72.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 105 4' (H251052-25)

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	02/22/2025	ND	2.18	109	2.00	1.75	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.59	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.11	105	2.00	1.76	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.19	103	6.00	1.94	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	69.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	73.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 106 4' (H251052-26)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	71.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 107 4' (H251052-27)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	76.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 108 4' (H251052-28)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 109 4' (H251052-29)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	63.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	66.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 110 4' (H251052-30)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/24/2025	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	02/22/2025	ND	198	99.2	200	0.269	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	194	96.8	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 111 4' (H251052-31)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/24/2025	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	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 112 4' (H251052-32)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/24/2025	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	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 113 4' (H251052-33)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/24/2025	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	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 114 4' (H251052-34)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/24/2025	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	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	98.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 115 4' (H251052-35)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/24/2025	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	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	90.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 116 4' (H251052-36)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/24/2025	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	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 117 4' (H251052-37)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/24/2025	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	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.8	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 118 4' (H251052-38)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	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	128	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.4	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 119 4' (H251052-39)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	144	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	88.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.5	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 120 4' (H251052-40)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	160	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	95.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 121 4' (H251052-41)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	160	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 122 4' (H251052-42)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	272	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/21/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/21/2025	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 123 4' (H251052-43)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	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	128	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 124 4' (H251052-44)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	640	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 125 4' (H251052-45)

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	02/22/2025	ND	2.22	111	2.00	1.76	
Toluene*	<0.050	0.050	02/22/2025	ND	2.22	111	2.00	0.506	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.20	110	2.00	0.289	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.67	111	6.00	0.295	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 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	304	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	98.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 126 4' (H251052-46)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 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	272	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	74.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 127 4' (H251052-47)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 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	464	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 128 4' (H251052-48)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 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	416	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	98.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 129 4' (H251052-49)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 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	464	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 130 4' (H251052-50)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	320	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	205	102	200	1.80	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 131 4' (H251052-51)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 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	400	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 132 4' (H251052-52)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	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	400	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 133 4' (H251052-53)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	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	432	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 134 4' (H251052-54)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	464	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 135 4' (H251052-55)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 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	176	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	76.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: CS - 136 4' (H251052-56)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 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	384	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 1 0-4' (H251052-57)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	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	576	16.0	02/23/2025	ND	416	104	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.4	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 2 0-4' (H251052-58)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	92.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.6	% 49.1-14	8						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 3 0-4' (H251052-59)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	93.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 4 0-4' (H251052-60)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 5 0-4' (H251052-61)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.0	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 6 0-4' (H251052-62)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 7 0-4' (H251052-63)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	106 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 8 0-4' (H251052-64)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	89.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 9 0-4' (H251052-65)

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	02/22/2025	ND	2.17	108	2.00	2.33	
Toluene*	<0.050	0.050	02/22/2025	ND	2.18	109	2.00	0.515	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.19	110	2.00	2.24	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	6.71	112	6.00	2.95	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 10 0-4' (H251052-66)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	93.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.6	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 11 0-4' (H251052-67)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 12 0-4' (H251052-68)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 13 0-4' (H251052-69)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 14 0-4' (H251052-70)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/24/2025	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	02/22/2025	ND	210	105	200	3.24	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	200	99.9	200	2.05	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	88.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 15 0-4' (H251052-71)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/24/2025	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	02/22/2025	ND	224	112	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.2	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 16 0-4' (H251052-72)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/24/2025	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	02/22/2025	ND	224	112	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.7	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 17 0-4' (H251052-73)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/24/2025	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	02/22/2025	ND	224	112	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 18 0-4' (H251052-74)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	02/24/2025	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	02/22/2025	ND	224	112	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.5	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 19 0-4' (H251052-75)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	02/24/2025	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	02/22/2025	ND	224	112	200	1.53	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	213	107	200	2.16	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	78.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 20 0-4' (H251052-76)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/24/2025	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	02/22/2025	ND	200	100	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	90.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL KELLAN SMITH 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received:	02/21/2025	Sampling Date:	02/21/2025
Reported:	02/24/2025	Sampling Type:	Soil
Project Name:	FHR 27 STATE COM #001H	Sampling Condition:	Cool & Intact
Project Number:	248973	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY		

Sample ID: SW - 21 0-4' (H251052-77)

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	02/22/2025	ND	2.23	111	2.00	2.63	
Toluene*	<0.050	0.050	02/22/2025	ND	2.38	119	2.00	3.43	
Ethylbenzene*	<0.050	0.050	02/22/2025	ND	2.41	120	2.00	2.70	
Total Xylenes*	<0.150	0.150	02/22/2025	ND	7.15	119	6.00	2.67	
Total BTEX	<0.300	0.300	02/22/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	02/24/2025	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	02/22/2025	ND	200	100	200	3.16	
DRO >C10-C28*	<10.0	10.0	02/22/2025	ND	199	99.4	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	02/22/2025	ND					
Surrogate: 1-Chlorooctane	96.1	% 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



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Page 310 of 324

Chain of Custody

Work Order No: 4251052 4

Page 80 of 87

	Kellan Smith				Bill to: (if	f different)											W	lork O)rder (Comments	Contraction of the			
Company Name:	NTG Environm	nental				y Name:									Program					nfields R				
Address:	13212 N MacA	rthur Blvd			Address	Start Barris		-						\neg	State of			RP [_srowi	nfieldsR	Ciperfund			
City, State ZIP:	Oklahoma City	, OK 73142			City, Sta	Contraction (1997)								\neg	Reportin				Пет					
Phone:	(580) 682-188			Email:	ksmith		al.com	-		-	-	-		-	Delivera				ADaP	-				
Project Name:	FHR 27 3	State Com #0	01H		n Around							AN	ALYSI		L									
Project Number:		248973			☑ Rush		Pres.		T				ALTSI	SREU			1		1		vative Codes			
Project Location	Ed	ldy Co, NM		Due Date:			Code	-	-	-			-	+	+		-		-	None: NO	DI Water: H			
Sampler's Name:		ler Kimball		TAT starts the		4 hr	-		6											Cool: Cool	MeOH: Me			
PO #:	.,				eived by 4:				+ MRO)											HCL: HC				
AMPLE RECEI	PT Ten	np Blank:	Yes No	Wet Ice:	Yes	No	Parameters	-	tog	•														
Received Intact:	Ye		Thermom		#111		ame	021E	a +	450									H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃					
Cooler Custody Seals			Correction		Cto.		Par	BTEX 8021B	GRO	Chloride 4500									NaHSO4: NABIS					
Sample Custody Sea		2		ure Reading:		70		BTE	W	Chic									T	Zn Acetate+NaOH: Zn				
otal Containers:		157	Statement of the second	Temperature:	3	02			TPH 8015M (GRO + DRO															
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPH															
CS-81	4'	2/21/2025		x		Comp	1	x	x	x			+	+	+	-	-							
CS-82	4'	2/21/2025		x		Comp	1	x	x	x			-	-	+	-	-							
CS-83	4'	2/21/2025		x		Comp	1	x	x	x		-	+	-	+	-								
CS-84	4'	2/21/2025		x		Comp	1	x	x	x	-		-	-	+	-								
CS-85	4'	2/21/2025		x		Comp	1	x	x	x	-	-	-	-		-								
CS-86	4'	2/21/2025		x		Comp	1	x	x	x	-	-	-	-	+	-	+							
CS-87	4'	2/21/2025		x		Comp	1	x	x	x		-	+	-	$\left \right $	-								
CS-88	4'	2/21/2025		x		Comp	1	x	x	×		-	-	-		-		-						
CS-89	4'	2/21/2025		x		Comp	1	x	x	x	-	-	-											
CS-90	4'	2/21/2025		x		Comp	1	x	x	x	-	-	-	-										
Additio otice: Signature of this d f service. Xenco will be l Xenco. A minimum cha	lable only for the cos	ishment of sample	shall not assu	ime any responsib	ility for any	loccos or a	waaaaa la	accord 5								tions								
Relinguished by:	a second s	applied to each pr		d by: (Signatu		upmitted to		-100 A. 172		hese ter	and and have	24 - 14 A.C.		2					_					
	(o.g. ataro)	000			ie)		12311-286-13	Date/T	ine		Reline	quished	i by: (S	Ignatu	ire)	Rec	eived b	y: (Sig	gnatur	e)	Date/Time			
Tyler Kimball		apauras																						
fyler Kimball		Ciper	10	2			2.21d	a off	330	2		-		-		_								





Chain of Custody

Work Order No: Has 1052

						_		_	-	-	-		-	-	-							Pag	e 1	0 of	16
Project Manager:	Kellan Smith				Bill to: (if	different)								_	ור				W	ork C	Order	Commer	A STARL SPACE		
Company Name:	NTG Environm	ental			Compan	y Name:									11	Progr	am: U	ST/P							und [
Address:	13212 N MacA	rthur Blvd			Address											State				in L	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	inicido [_inc	Ciberre	ing [
City, State ZIP:	Oklahoma City	, OK 73142			City, Sta	State of the second									11	Repor	ting:Le	evel II	ΠLev	vel III	Dist	UST F	RRP	Level	vП
Phone:	(580) 682-1889	Э		Email	ksmith@		I.com			1					- 1						ADaP	_	Other:	_	
Project Name:	FHR 27 \$	State Com #0	01H	Tur	n Around							1	ANAL	YSIS	REQU	UEST						Pre	eserva	tive Code	es
Project Number:		248973		Routine	🗹 Rush		Pres. Code			1											Γ	None: N	0	DI Wate	r: H ₂ O
Project Location	Ed	ldy Co, NM		Due Date:	24	l hr																Cool: Co	loc	MeOH: N	-
Sampler's Name:	Ту	ler Kimball		TAT starts the					MRO)													HCL: HC		HNO ₃ : H	
PO #:				lab, if rece	eived by 4:3	30pm	۶ ۲		≥ +													H ₂ S0 ₄ : H	l ₂	NaOH: N	
SAMPLE RECE	IPT Ten	ng Blank:	Yes No	Wet Ice:	Ves	No	nete	₽ ₽	DRO	200												H ₃ PO ₄ : H	HP		
Received Intact:	X.	1	Thermom	eter ID:	#14	~	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO +	Chloride 4500							P P NaHSO₄: NABIS Na₂S₂O₃: NaSO₃ Zn Acetate+NaOH: Zn								
Cooler Custody Sea		Nø N/A	Correction			32	•	EX	9	hlori															
Sample Custody Se	als: Yes	No N/A		ture Reading:	2:-			l	15M	Ū							Zn Acetate+NaOH: Zn								
Total Containers:		157	Corrected	Temperature:	2.	02			H 80															°C	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		1								Sample Comments						ts		
11 CS-91	4'	2/21/2025		x		Comp	1	x	x	x															
CS-92	4'	2/21/2025		х		Comp	1	x	x	x															
3 CS-93	4'	2/21/2025		x		Comp	1	x	x	x												-			
/4 CS-94	4'	2/21/2025		x		Comp	1	x	x	x															
< CS-95	4'	2/21/2025		x		Comp	1	x	x	x															
10 CS-96	4'	2/21/2025		x		Comp	1	x	x	x															
CS-97	4'	2/21/2025		x		Comp	1	x	x	x															
18 CS-98	4'	2/21/2025		x		Comp	1	x	x	x															
19 CS-99	4'	2/21/2025		x		Comp	1	x	x	x															
20 CS-100	4'	2/21/2025		х		Comp	1	x	x	x															
Additi	onal Comments	s:																					-		
Notice: Signature of this	document and relingu	ishment of sample	es constitute	s a valid purchase	order from	client comp	any to Xen	co, its a	ffiliates	and sub	contracto	ors. It as	ssigns s	tandard	terms	and co	nditions	s	-						
of service. Xenco will be of Xenco. A minimum ch	liable only for the cos	st of samples and	shall not ass	ume any responsi	bility for any	losses or e	expenses in	curred	by the c	lient if s	uch losse	os are de	ue to cin	cumetan	cos ho	wond th		ol							
Relinquished b	y: (Signature)		Receive	d by: (Signatu	ure)			Date/1	Time		Reli	inquisl	hed by	: (Sig	natur	e)		Rece	eived t	oy: (Si	gnatu	re)	1	Date/Time	9
1.Tyler Kimball		apo	KAN	2			2:21	-25	5/12	20	2	1	1		-						-				
3			2000		1.5	1		-, -	110	in	4		-			-	114	-	-				-		-

Page 81 of 87

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Received by OCD: 4/7/2025 3:07:07 PM

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Chain of Custody

Work Order No: Hasios2

Page 82 of 87

					_										_						Page_		_ 01 _ 10 _
Project Manager:	Kellan Smith				Bill to: (if	different)											-34	Wo	ork O	rder (Comments		
Company Name:	NTG Environ	mental			Compan	y Name:									Pro	gram:	UST/P		RP [rown	nfields 📑	RC	perfund
Address:	13212 N Mad	Arthur Blvd			Address:										Sta	te of P	roject:	_					_
City, State ZIP:	Oklahoma Ci	ty, OK 73142			City, Star	te ZIP:									Re	porting:	Level II	Leve	el III	D'ST/		RP [Level IV
Phone:	(580) 682-18	89		Email	ksmith(Intgloba	l.com								De	liverable	es: ED		,	ADaP	г 🗆 о	ther:	
Project Name:	EHR 27	State Com #0	01H	Tur	n Around	In the second				12.46		۵	NALY	SIS RE		ST					Pros	nyativ	ve Codes
Project Number:		248973		Routine	☑ Rush		Pres. Code					Ť			T	1	T	TT			None: NO		DI Water: H
Project Location	, I I I I I I I I I I I I I I I I I I I	ddy Co, NM		Due Date:	24	l hr	Code		-			-	-	-	+	+	+	+			Cool: Cool		MeOH: Me
Sampler's Name:	-	yler Kimball		TAT starts the					R0)												HCL: HC		HNO ₃ : HN
PO #:					eived by 4:3		so So		×												H ₂ S0 ₄ : H ₂		NaOH: Na
SAMPLE RECEI	IPT T	emp Blank:	Yes No	Wet Ice:	Ves	No	Parameters	1	DRO	200											H ₃ PO ₄ : HP		
Received Intact:		res No	Thermom	eter ID:	#140		aran	BTEX 8021B	+ 02	Chloride 4500										НОГР	NaHSO ₄ : N	ABIS	
Cooler Custody Seals		A-2	Correction		Ctor		6	STEX	(GF	hlori										Ŧ	Na ₂ S ₂ O ₃ : N	aSO_3	
Sample Custody Sea	als: Yes	×		ture Reading:		10		"	015M	0											Zn Acetate-		
Fotal Containers:		157	Corrected	Temperature:	3.				TPH 8015M (GRO + DRO + MRO)												NaOH+Asc	orbic A	cid: SAPC
Sample Identification	Depth (ft bgs) Date	Time	Soil	Water	Grab/ Comp	# of Cont		F												Sam	ole Co	mments
CS-101	4'	2/21/2025		x		Comp	1	x	x	x													
CS-102	4'	2/21/2025		x		Comp	1	x	х	x													
73 CS-103	4'	2/21/2025		x		Comp	1	x	x	x													
CS-104	4'	2/21/2025		x		Comp	1	x	x	x													
25 CS-105	4'	2/21/2025		x		Comp	1	x	×	x													
20 CS-106	4'	2/21/2025		x		Comp	1	×	x	x													
27 CS-107	4'	2/21/2025		x		Comp	1	x	x	x													
CS-108	4'	2/21/2025		x		Comp	1	x	x	x													
ag CS-109	4'	2/21/2025		x		Comp	1	x	x	x				_									
3 CS-110	4'	2/21/2025	1	x		Comp	1	x	x	x												10	
Additio	onal Comme	nts:																					
					1.1.1.1		1999							100		_			Sec.				
lotice: Signature of this of f service. Xenco will be f Xenco. A minimum ch	liable only for the	cost of samples and	shall not ass	sume any responsi	ibility for any	y losses or	expenses i	ncurred	by the c	lient if s	uch loss	es are du	e to circ	umstance	s beyon	nd the co							
Relinquished by				ed by: (Signati		Y - 10 - 10	-	Date/						: (Signa			Rec	eived by	y: (Si	gnatu	re)	Da	ate/Time
1.Tyler Kimball		hom	eno				2:an	261	133	U	2											-	
		1 mp	- Me	,				-01	100	~	4			1.1.1	-	-	-		1				

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Revised Date 05012020 Rev. 2020.1



Chain of Custody

Work Order No: Hasinsa

Page 83 of 87

						1.0									_							Pag	e12	0f10
Project Manager:	Kellan Smith				Bill to: (if o	different)													Wo	ork O	rder	Comme	nts	-3257
Company Name:	NTG Environme	ental			Company	Name:										Prog	ram: U	ST/PS		RP [row	nfields	RC	perfund
Address:	13212 N MacAr	thur Blvd			Address:											State	of Pro	ject:	_					
City, State ZIP:	Oklahoma City,	OK 73142			City, Stat	e ZIP:										Repo	rting:Le	evel II	Leve	el III	DST	UST	RRP	Level IV
Phone:	(580) 682-1889			Email:	ksmith@	ntgloba	l.com									Delive	erables	EDD			ADaP	т 🗆	Other:	
Project Name:	FHR 27 S	state Com #0	D1H	Turr	n Around							A	NAL	YSIS	REQ	UEST						Pre	eserva	tive Codes
Project Number:		248973		Routine	🗹 Rush		Pres. Code															None: N		DI Water: H ₂
Project Location	Edu	dy Co, NM		Due Date:	24	hr	Code				-	-	-									Cool: Co		MeOH: Me
Sampler's Name:		er Kimball		TAT starts the					MRO)													HCL: HC		HNO ₃ : HN
PO #:					eived by 4:3		yo		¥													H ₂ S0 ₄ : H		NaOH: Na
SAMPLE RECE	PT Tem	p Blank:	Yes No	Wet Ice:	Yes	No	Parameters		TPH 8015M (GRO + DRO +	4500												H ₃ PO ₄ : I	HP	
Received Intact:	Ye	s No	Thermom	eter ID:	#140)	ram	BTEX 8021B	÷	e 45											9	NaHSO	NABIS	5
Cooler Custody Seal	s: Yes	No N/A	Correction	n Factor:	C+0.2		Ра	X	GR	Chloride											НОГР	Na2S203	: NaSO	3
Sample Custody Sea	ils: Yes (No N/A	Temperat	ure Reading:	2	15		6	5M (5												Zn Aceta	ate+NaC)H: Zn
Total Containers:		157	Corrected	Temperature:	3.	OZ			801													NaOH+A	scorbic	Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		TPL													Sa	mple (Comments
3 CS-111	4'	2/21/2025		x		Comp	1	x	x	x														
32 CS-112	4'	2/21/2025		x		Comp	1	x	x	x														
33 CS-113	4'	2/21/2025		x		Comp	1	x	x	x														
34 CS-114	4'	2/21/2025		x		Comp	1	x	x	x														
25 CS-115	4'	2/21/2025		x		Comp	1	x	x	x														
3 CS-116	4'	2/21/2025		x		Comp	1	x	x	x														
37 CS-117	4'	2/21/2025		x		Comp	1	x	x	x														
38 CS-118	4'	2/21/2025		x		Comp	1	x	x	x														
39 CS-119	4'	2/21/2025		x		Comp	1	x	x	x														
40 CS-120	4'	2/21/2025		x		Comp	1	x	x	x														
Additi	onal Comments	5:																						
Notice: Signature of this of service. Xenco will be of Xenco. A minimum ch	liable only for the cos	st of samples and	shall not ass	ume any responsi	bility for any	losses or	expenses in	ncurred	by the c	lient if s	uch loss	es are d	ue to cir	cumsta	ances b	beyond	the cont							
Relinquished by	y: (Signature)		Receive	ed by: (Signati	ure)			Date/	Time		Rel	inquis	hed by	y: (Si	gnatu	ure)		Rece	eived b	y: (Si	ignatu	ire)		Date/Time
1.Tyler Kimball		an	uo	2			2.2	as	13	30	2													
3										-	4	1.			-	-								
5						10.23				1	6				1				123					





Work Order No: Hasiosa

Page 84 of 87

Project Manager:	Kellan Smith				Bill to: (if	different														10000	Page	S FRANK SALE THE VI	of16
Company Name:	NTG Environn	nental				1		-												1	Comment		
Address:	13212 N Mac					ny Name:		-						_				ST 🛛 F	PRP [row	nfields [RC D	perfund
City, State ZIP:	Oklahoma City				Address	1 72 1 1 2		-	_							e of Pi		_		_			
Phone:	(580) 682-188			_	City, Sta			L				-						Lev	vel III		_		evel IV
				Email	: ksmith(antgloba	II.com		-						Deliv	verable	s: EDI	рЦ	100.00	ADaP	тП	Other:	
Project Name:	FHR 27	State Com #0	01H	Tur	n Around				1			A	NALYS	SIS RE	QUES	т			Net C		Pres	servative (Codes
Project Number:		248973		Routine	🗹 Rush		Pres. Code										Ι				None: NO		Vater:
Project Location	Ed	ddy Co, NM		Due Date:	24	1 hr															Cool: Coo		DH: Me
Sampler's Name:	Ty	ler Kimball		TAT starts the					MRO)												HCL: HC		0 ₃ : HN
PO #:				lab, if reci	eived by 4:3		s		+												H ₂ S0 ₄ : H ₂		DH: Na
SAMPLE RECE		np Blank:	Yes No		Yes	No	Parameters	18	DRG	4500											H ₃ PO ₄ : H	þ	
Received Intact: Cooler Custody Seal		No No	Thermom		#140		araı	6 802	÷02	ide 4										НОГР	NaHSO ₄ :	NABIS	
Sample Custody Sea	Conception of the local division of the loca	No N/A	Correction		Ctoi			BTEX 8021B	8015M (GRO + DRO	Chloride										모	Na ₂ S ₂ O ₃ :	NaSO ₃	
Total Containers:	165	157	ure Reading: Temperature:	3.	10	12	-	015N	0											Zn Acetate	+NaOH: Zn	í -	
Sample					2.0				TPH 8(NaOH+As	corbic Acid:	SAPC
Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		=												Sam	ple Comn	nents
LI CS-121	4'	2/21/2025		x		Comp	1	x	x	x				-	1								
42 CS-122	4'	2/21/2025		х		Comp	1	х	x	x													
U3 CS-123	4'	2/21/2025		х		Comp	1	х	x	x													
44 CS-124	4'	2/21/2025		x		Comp	1	х	x	x													
45 CS-125	4'	2/21/2025		х		Comp	1	х	x	x													
46 CS-126	4'	2/21/2025		х		Comp	1	х	x	x					1								
47 CS-127	4'	2/21/2025		х		Comp	1	х	х	x													
US CS-128	4'	2/21/2025		x		Comp	1	х	x	x													
Ug CS-129	4'	2/21/2025	1	х		Comp	1	х	х	x													
CS-130	4'	2/21/2025		x		Comp	1	x	х	x			-										
	onal Comments																						
lotice: Signature of this of f service. Xenco will be f Xenco. A minimum cha																	s		1.5				
		applied to each pr	oject and a cl	harge of \$5 for each	ch sample s	ubmitted to	Xenco, but	not ana	lyzed. T	hese ter	ms will be	enforced	d unless	previous	ly negotia	ated.							
Relinquished by	: (Signature)	d by: (Signatu	ire)		C	ate/T	ime		Relino	quishe	d by: (Signat	ure)		Rece	ived b	y: (Sid	anatur	e)	Date/1	ime		
Tyler Kimball							201	251	132	40	2								, , , , , ,		-	Duto/1	inc
		0.70					- 011	4	.00		4		10.2.1				-		200				
									-	-	Sector Contractor	3-3-4	1412	3734.50	Sum Bar		-		1.1.2.5				



Chain of Custody

Work Order No: 1251052

Page 85 of 87

roject Manager:	Kellar	n Smith				Bill to: (if	different)												Worl	k Orde	er Co	omments	
ompany Name:	NTG	Environme	ental			Company	y Name:] [Progra	m: US	T/PST		Iro	ownfie	elds RC	perfund
ddress:	13212	2 N MacAr	thur Blvd			Address:									1	State o	of Proj	ect:	_				
ity, State ZIP:	Oklah	noma City,	OK 73142			City, Stat	te ZIP:								1 F	Report	ing:Lev	el II	Level I		ST/US	ST RRP	Level IV
hone:		682-1889			Email:	ksmith@	Intglobal	.com							1	Deliver	ables:	EDD		ADa	aPT [Other:	
roject Name:		FHR 27 S	tate Com #00	01H	Turr	Around	1					4	NALY	SIS R	EQU	JEST				1		Preservati	ve Codes
roject Number:			248973		Routine	🛛 Rush		Pres. Code							T			Т			N	one: NO	DI Water: H
roject Location		Edd	dy Co, NM		Due Date:	24	hr														C	cool: Cool	MeOH: Me
ampler's Name:			er Kimball		TAT starts the	day receive	ed by the			MRO)											н	ICL: HC	HNO3: HN
O #:				0	lab, if rece	eived by 4:3	30pm	é		+											H	2S04: H2	NaOH: Na
AMPLE RECEI	IPT	Tem	p Blank:	Yes No	Wet Ice:	Yes		Parameters	ŧ	8015M (GRO + DRO	4500										H	3PO4: HP	
eceived Intact:		Yes		Thermom	eter ID:	#147		arar	802	¢	de 4											aHSO4: NABIS	
ooler Custody Seal	S:		No N/A	Correction	n Factor:	C10.		٩	BTEX 8021B	LG I	Chloride										ž N	la ₂ S ₂ O ₃ : NaSO ₃	
ample Custody Sea	als:		No N/A		ure Reading:	2.			-	15M	0											n Acetate+NaOl	
otal Containers:			157	Corrected	Temperature:	3.	00			TPH 80											N	laOH+Ascorbic	Acid: SAPC
Sample Identification	Dept	th (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		₽												Sample C	omments
CS-131		4'	2/21/2025		x		Comp	1	x	x	x												
CS-132		4'	2/21/2025		x		Comp	1	x	x	x												
5 - CS-133		4'	2/21/2025		x		Comp	1	x	x	x												
CS-134		4'	2/21/2025		x		Comp	1	x	x	x												
CS-135		4'	2/21/2025		x		Comp	1	x	x	x												
CS-136		4'	2/21/2025		x		Comp	1	x	x	x												
SW-1		0-4'	2/21/2025		х		Comp	1	х	x	х												
8 SW-2		0-4'	2/21/2025		x		Comp	1	x	x	х												
59 SW-3		0-4'	2/21/2025		x		Comp	1	х	x	x												
SW-4		0-4'	2/21/2025		х		Comp	1	x	x	x												
Additi	onal C	Comments	5:																				

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1.Tyler Kimball	aparro	2:21:25/1330	2		
3			4		
5			6		

Received by OCD: 4/7/2025 3:07:07 PM



Chain of Custody

Work Order No: Hasi059

Page 86 of 87

									-						_	_						Page	16	16
Project Manager:	Kellan Smith Bill to: (if different)															W	ork O	rder (Commen	ts	A State State			
Company Name:	NTG Environme	ental			Company	Name:				_						Prog	ram: L	ST/PS		RP [rowr	nfields	RC	perfund
Address:	13212 N MacAr	thur Blvd			Address:											State	of Pro	ject:						
City, State ZIP:	Oklahoma City,	OK 73142			City, Stat	e ZIP:										Repo	rting:L	evel II	Leve	el III	DST	/UST	RRP	Level IV
Phone:	(580) 682-1889	1		Email:	ksmith@	Intgloba	l.com				-		- 	_		Deliv	erables	EDE			ADaP	т 🗆	Other:	
Project Name:	FHR 27 S	State Com #0	01H	Turr	Around	14 A.S.							ANAL	YSIS	REG	UEST	г					Pre	servat	ive Codes
Project Number:		248973		Routine	🗹 Rush		Pres. Code													1.		None: NO)	DI Water: H2
Project Location	Ed	dy Co, NM		Due Date:	24	hr															-	Cool: Coo	ol	MeOH: Me
Sampler's Name:	Ty	ler Kimball		TAT starts the					RO)													HCL: HC		HNO3: HN
PO #:				lab, if rece	eived by 4:3	0pm	2		TPH 8015M (GRO + DRO + MRO)													H2S04: H2	2	NaOH: Na
SAMPLE RECEI	PT Tem	p Blank:	Yes No	Wet Ice:	Yes	No	Parameters	m	DRO	4500												H ₃ PO ₄ : H	P	
Received Intact:	Ke	s No	Thermom	neter ID:	#1U	0	aran	BTEX 8021B	÷	le 4											НОГР	NaHSO4:	NABIS	
Cooler Custody Seals	s: Yes	No N/A	Correction	n Factor:	C+2-	32	Å	XEX	GR	Chloride											오	Na2S2O3:	NaSO3	i
Sample Custody Sea	ls: Yes (No N/A	Temperat	ture Reading:		r c		m l	5M	5												Zn Acetat	te+NaO	H: Zn
Total Containers:		157	Corrected	d Temperature:	3.0	5			1801													NaOH+A	scorbic	Acid: SAPC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	1	TP													Sar	nple C	omments
() SW-5	0-4'	2/21/2025		x		Comp	1	x	x	x														
107 SW-6	0-4'	2/21/2025		x		Comp	1	x	x	x														
103 SW-7	0-4'	2/21/2025		x		Comp	1	x	х	x														
LOU SW-8	0-4'	2/21/2025		x		Comp	1	x	x	x													-	
65 SW-9	0-4'	2/21/2025		x		Comp	1	x	x	x														
lolo SW-10	0-4'	2/21/2025		x		Comp	1	x	x	x														
107 SW-11	0-4'	2/21/2025		x		Comp	1	x	x	x														
10% SW-12	0-4'	2/21/2025		x		Comp	1	x	x	x														
100 SW-13	0-4'	2/21/2025		x		Comp	1	x	x	x														
70 SW-14	0-4'	2/21/2025		x		Comp	1	x	x	x														
Additi	onal Comments	s:								2.6													5.5.7.	
										_		_	_	_	_	_	_					_		
Notice: Signature of this of service. Xenco will be of Xenco. A minimum ch	liable only for the cos	st of samples and	shall not ass	sume any responsi	bility for any	losses or	expenses in	ncurred	by the c	lient if s	uch los	ses are	due to ci	rcumsta	inces	beyond	the con							
Relinquished by	y: (Signature)		Receive	ed by: (Signatu	ure)			Date/	Time		Re	elinqui	shed b	y: (Si	gnat	ure)		Rece	eived b	oy: (Si	ignatu	ure)	[Date/Time
1.Tyler Kimball		an	us)			2.21	25	12	30	2													
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5				-		127.6		1	3		6	1							-					



Chain of Custody

Work Order No: Hasiosa

10 mm	States and States																				Page	16 of	16
Project Manager:	Kellan Smith				Bill to: (if different)												- Person	N	/ork O	rder (Comments		
Company Name:	NTG Environm	ental			Company		Program: UST/PST				ST 🗍	PRP	row	nfields 📑	RC _uperfu	und [
Address:	13212 N MacA	rthur Blvd			Address						Stat	State of Project:											
City, State ZIP:	Oklahoma City	, OK 73142			City, Stat	te ZIP:	199			-					Rep	orting:	Level I	Le	vel III	DST		RP Level	IV 🛛
Phone:	(580) 682-1889			Email	: ksmith@	Intgloba	l.com								Deliv	verable	es: ED	D		ADaP	т 🗆 о	ther:	
Project Name:	FHR 27 \$	State Com #0	01H	Tur	n Around							AN	ALYSI	S RE	QUES	т		-			Pres	ervative Cod	es
Project Number:		248973		Routine	🗹 Rush		Pres. Code														None: NO	DI Wate	r: H ₂ O
Project Location	Ed	ldy Co, NM		Due Date:	24	l hr															Cool: Cool	MeOH:	Ме
Sampler's Name:	-	ler Kimball		TAT starts the					R0												HCL: HC	HNO3: H	IN
PO #:				lab, if reci	eived by 4:3	30pm	S.		TPH 8015M (GRO + DRO + MRO)												H ₂ S0 ₄ : H ₂	NaOH: I	Na
SAMPLE RECE	IPT Ten	np Blank:	Yes No	Wet Ice:	Yes	No	Parameters	ŧ.	DRG	500											H ₃ PO ₄ : HP		
Received Intact:	Ye	No No	Thermom	neter ID:	#140		arar	BTEX 8021B	¢	Chloride 4500										НОГР	NaHSO ₄ : N	ABIS	
Cooler Custody Sea	ls: Yes	No N/A	Correctio	n Factor:	C+O'		<u>۵</u>	TEX	9	hlori										Ĭ	Na ₂ S ₂ O ₃ : N	aSO ₃	
Sample Custody Sea	als: Yes			ture Reading:		72		—	15M	Ū											Zn Acetate		
Total Containers:		157	Corrected	d Temperature:	5.	02			H 80												NaOH+Aso	corbic Acid: SA	PC
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont		₽												Sam	ple Commen	ts
SW-15	0-4'	2/21/2025		x		Comp	1	x	x	x													
72 SW-16	0-4'	2/21/2025		x		Comp	1	x	x	x													
73 SW-17	0-4'	2/21/2025		x		Comp	1	x	x	x													
74 SW-18	0-4'	2/21/2025		x		Comp	1	x	x	x													
75 SW-19	0-4'	2/21/2025		x		Comp	1	x	x	x													
76 SW-20	0-4'	2/21/2025		x		Comp	1	x	x	x													
T) SW-21	0-4'	2/21/2025		x		Comp	1	x	x	x													
Addit	ional Comment	ts:						-								_							
						1.0		188			1.18	1				28			×		1000	1.1	
Notice: Signature of this	document and reling	uishment of samp	les constitute	es a valid purchas	e order from	client com	pany to Xer	nco, its a	affiliates	and sub	contractors	s. It assig	gns stan	dard te	rms and	conditi	ons						_
of service. Xenco will b of Xenco. A minimum c	e liable only for the co harge of \$85.00 will be	ost of samples and e applied to each p	d shall not as project and a	sume any respons charge of \$5 for e	bility for an ach sample	y losses or submitted to	expenses i o Xenco, bi	incurred ut not ar	by the allyzed.	client if s These te	auch losses erms will be	are due t enforced	to circun i unless	previou	s beyon isly nego	d the co tiated.	ntrol						
Relinquished b	by: (Signature)		Receive	ed by: (Signat	ture)			Date/	Time		Relin	quishe	d by: (Signa	ature)		Red	eived	by: (S	ignatu	ure)	Date/Tim	ie
1.Tyler Kimball		al	au	ian			2.21	125	113	34	2												
3		0									4			1.1									

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Page 87 of 87

Received by OCD: 4/7/2025 3:07:07 PM

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

CAZA OPERATING, LLC 200 N Loraine St

Midland, TX 79701

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

449335

[C-141] Deferral Request C-141 (C-141-v-Deferral)

Action Type:

Page 318 of 324

QUESTIONS

Action 449335

QUESTIONS	
	OGRID:
	249099
	Action Number:

QUESTIONS

Operator:

Prerequisites						
Incident ID (n#)	nAB1611050323					
Incident Name	NAB1611050323 FOREHAND RANCH 27 STATE COM #001H @ 30-015-39844					
Incident Type	Oil Release					
Incident Status	Deferral Request Received					
Incident Well	[30-015-39844] FOREHAND RANCH 27 STATE COM #001H					

Location of Release Source

Please answer all the questions in this group	
---	--

Site Name	FOREHAND RANCH 27 STATE COM #001H
Date Release Discovered	04/17/2016
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 Valve Crude Oil Released: 30 BBL Recovered: 0 BBL Lost: 30 BBL.					
Produced Water Released (bbls) Details	Not answered.					
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.					
Condensate Released (bbls) Details	Not answered.					
Natural Gas Vented (Mcf) Details	Not answered.					
Natural Gas Flared (Mcf) Details	Not answered.					
Other Released Details	Not answered.					
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.					

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 2

Action 449335

Page 319 of 324

QUESTIONS (continued)

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	449335
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

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

Initial Response					
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.				
The source of the release has been stopped True					
The impacted area has been secured to protect human health and the environment	True				
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True				
All free liquids and recoverable materials have been removed and managed appropriately True					
If all the actions described above have not been undertaken, explain why Not answered. Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative citions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of					
Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.					
I hereby agree and sign off to the above statement	Name: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 04/07/2025				

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	449335
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (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 an	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 300 and 500 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 500 and 1000 (ft.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	sociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in millig	rams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	8480
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1179
GRO+DRO (EPA SW-846 Method 8015M)	892
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef 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,
On what estimated date will the remediation commence	01/20/2025
On what date will (or did) the final sampling or liner inspection occur	02/21/2025
On what date will (or was) the remediation complete(d)	02/28/2025
What is the estimated surface area (in square feet) that will be reclaimed	14050
What is the estimated volume (in cubic yards) that will be reclaimed	2081
What is the estimated surface area (in square feet) that will be remediated	27063
What is the estimated volume (in cubic yards) that will be remediated	4000
These estimated dates and measurements are recognized to be the best guess or calculation at the ti	me of submission and may (be) change(d) over time as more remediation efforts are completed.

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

QUESTIONS, Page 3

Action 449335

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 4

Page 321 of 324

Action 449335

QUESTIONS (continued)		
Operator:	OGRID:	
CAZA OPERATING, LLC	249099	
200 N Loraine St	Action Number:	
Midland, TX 79701	449335	
	Action Type:	
	[C-141] Deferral Request C-141 (C-141-v-Deferral)	

QUESTIONS

Remediation Plan (continued)

Please answer all the guestions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:	
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [FEEM0112342028]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	No	
OR is the off-site disposal site, to be used, an NMED facility	No	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No	
(In Situ) Soil Vapor Extraction	No	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Νο	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No	
Ground Water Abatement pursuant to 19.15.30 NMAC	No	
OTHER (Non-listed remedial process)	No	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef 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	nowledge and understand that pursuant to OCD rules and regulations all operators are required uses 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: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntalobal.com	

Date: 04/07/2025 The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS	(continued)

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	449335
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Tank Battery
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	950
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	141
	diately under or around production equipment such as production tanks, wellheads and pipelines where In may be deferred with division written approval until the equipment is removed during other operations, or when
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-015-39844 FOREHAND RANCH 27 STATE COM #001H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	offorts 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 rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required eases 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 rt does not relieve the operator of responsibility for compliance with any other federal, state, or Name: Kelly Arrendondo
I hereby agree and sign off to the above statement	Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 04/07/2025

Sante Fe Main Office

Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

C	perator:	OGRID:
	CAZA OPERATING, LLC	249099
	200 N Loraine St	Action Number:
	Midland, TX 79701	449335
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	433686	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/21/2025	
What was the (estimated) number of samples that were to be gathered	157	
What was the sampling surface area in square feet	27000	

Remediation Closure Request

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

QUESTIONS, Page 6

Action 449335

General Information

Page 323 of 324

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

CONDITIONS

Operator:	OGRID:
CAZA OPERATING, LLC	249099
200 N Loraine St	Action Number:
Midland, TX 79701	449335
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS		
Created By		Condition Date
nvelez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	6/23/2025

Action 449335