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April 7, 2025

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

**Re: Incident Closure Report
Caza Operating, LLC
Forehand Ranch 27 State #004
Unit H, Section 27, Township 23S, Range 27E
Site Coordinates: 32.2778244, -104.17173
Eddy County, New Mexico
Incident ID: nAB1635538475**

Introduction

NTG Environmental, LLC (NTGE), on behalf of Caza Operating, LLC (Caza), submits this Incident Closure 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 #004 (Site). The Site is in Unit Letter H, Section 27, of Township 23 South and Range 27 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.2778244° N Latitude and -104.17173° 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 submitted by Caza and obtained by the New Mexico Oil Conservation District (NMOCD), the release was discovered on May 2, 2016. The release was the result of a tank overflowing, resulting in the release of 979 barrels (bbls) of produced water, 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.

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 ½-mile radius of the Site. C-00518-Pod2 was drilled in 2008 with a depth to groundwater of 98 feet below ground surface (ft bgs). No other receptors (playas,

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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	1,000 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 four (4) vertical sample points (i.e., V-1 – V-4) were installed at depths ranging from zero to fifteen and a half (0-15.5) feet below ground surface (ft bgs). Additionally, seven (7) horizontal sample points (i.e., H-1 – H-7) were installed at depths ranging from zero to half a (0-0.5) ft 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 (EPA method SM

4500Cl⁻B). 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 chloride concentrations at the following sample points: V-1 through V-4 and H-1 at various depths ranging from surface to three and a half (3.5) ft bgs. 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 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 27, 2025, a total of one hundred and thirteen (113) confirmation samples were collected. Ninety-eight (98) confirmation samples (i.e., CS-1 – CS-98) were collected from the excavation base and fifteen (15) confirmation samples (i.e., SW-1 – SW-15) were collected from the excavation sidewalls. Analytical results of the following confirmation samples were above the NMOCD regulatory limits for chlorides: SW-3 and SW-12.

On March 7, 2025, after further excavation activities, an additional nine (9) confirmation samples were collected. Five (5) confirmation samples (i.e., CS-99 – CS-103) were collected from the excavations base and four (4) confirmation samples (i.e., SW-3A, SW-12A, SW-16 and SW-17) were collected from the excavation sidewalls. Analytical results of all the confirmation samples were below the NMOCD regulatory limits for all analytes.

The excavation extent, excavation depths, and confirmation sample locations are shown on Figure 4. A total of approximately 3,040 cubic yards (yd³) of impacted soil was 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 SM 4500Cl⁻B). Copies of laboratory analysis and chain-of-custody documentation are attached. The analytical results are summarized in Table 2.

Closure Request

Based on the assessment and subsequent remedial action activities, the Site is compliant with NMOCD's regulatory requirements. Caza formally requests a closure for the Site (nAB1635538475). If you have any questions regarding this report or need additional information, please contact us at (832) 374-0004.

Sincerely,
NTG Environmental



Kellan Smith
Project Manager

Attachments:

Tables
Figures
Site Characterization Information
Photographic Log
Laboratory Reports

Tables

Table 1
Summary of Soil Analytical Data - Delineation Samples
Forehand Ranch 27 State Com #004
Caza Operating, LLC
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC													
10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg			
Vertical Delineation Samples													
V-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	1,900
	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	2,360
	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	1,730
	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	2,210
	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	2,260
	1/16/2025	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,100
	1/16/2025	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,940
	1/16/2025	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,280
V-2	1/16/2025	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	992
	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	6,080
	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	1,580
	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	464
	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	320
V-3	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	240
	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	304
	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	928
	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	1,540
	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	992
	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	2,480
	1/16/2025	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,480
	1/16/2025	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,840
	1/16/2025	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,410
	1/16/2025	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,060
	1/16/2025	9-9.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,470
	1/16/2025	10-10.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
	1/16/2025	11-11.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
1/16/2025	12-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544	
V-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	928
	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	992
	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	1,090
	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	3,560
	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	4,960
	1/16/2025	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,000
	1/16/2025	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,600
	1/16/2025	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,680
	1/16/2025	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,970
	1/16/2025	9-9.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,810
	1/16/2025	10-10.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,020

Table 1
Summary of Soil Analytical Data - Delineation Samples
Forehand Ranch 27 State Com #004
Caza Operating, LLC
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6- C-10)	DRO (C10- C28)	GRO + DRO	MRO (C28- C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
V-4	1/16/2025	11-11.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,920
	1/16/2025	12-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,660
	1/16/2025	13-13.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	992
	1/16/2025	14-14.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
	1/16/2025	15-15.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
Horizontal Delineation 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	1,330
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	<16.0
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	400
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	192
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	16.0
H-7	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

Notes:

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

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

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

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

- Not Analyzed

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Forehand Ranch 27 Com #004
Caza Operating, LLC
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
Base Confirmation Samples													
CS-1	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS-2	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1170
CS-3	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	91.0	91.0	11.2	102.2	5280
CS-4	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2600
CS-5	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1580
CS-6	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1200
CS-7	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	784
CS-8	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-9	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-10	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8640
CS-11	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3920
CS-12	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2200
CS-13	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1100
CS-14	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1500
CS-15	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
CS-16	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-17	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6130
CS-18	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5920
CS-19	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3440
CS-20	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3400
CS-21	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1520
CS-22	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
CS-23	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
CS-24	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
CS-25	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2160
CS-26	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9800
CS-27	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2640
CS-28	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1380
CS-29	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-30	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
CS-31	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1040
CS-32	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7100
CS-33	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5600
CS-34	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6080
CS-35	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
CS-36	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-37	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1070
CS-38	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-39	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3120
CS-40	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4240
CS-41	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1600
CS-42	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1950
CS-43	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Forehand Ranch 27 Com #004
Caza Operating, LLC
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
CS-44	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
CS-45	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1010
CS-46	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4560
CS-47	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6160
CS-48	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4720
CS-49	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4480
CS-50	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-51	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
CS-52	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2880
CS-53	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8400
CS-54	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6000
CS-55	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4080
CS-56	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1730
CS-57	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-58	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
CS-59	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
CS-60	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-61	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1870
CS-62	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4000
CS-63	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1040
CS-64	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-65	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-66	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1680
CS-67	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
CS-68	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-69	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-70	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1880
CS-71	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2120
CS-72	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1920
CS-73	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-74	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-75	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	976
CS-76	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-77	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	960
CS-78	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-79	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2120
CS-80	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3120
CS-81	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4240
CS-82	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
CS-83	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5160
CS-84	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-85	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4320
CS-86	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3160
CS-87	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3640

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Forehand Ranch 27 Com #004
Caza Operating, LLC
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	10,000 mg/kg
CS-88	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1460
CS-89	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600
CS-90	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4400
CS-91	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6000
CS-92	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5680
CS-93	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-94	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3840
CS-95	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
CS-96	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1360
CS-97	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS-98	2/27/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
CS-99	3/7/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6130
CS-100	3/7/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5600
CS-101	3/7/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6080
CS-102	3/7/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5760
CS-103	3/7/2025	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5440
Sidewall Confirmation Samples													
SW-1	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-2	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SW-3	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
SW-3A	3/7/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
SW-4	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-5	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW-6	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-7	2/27/2025	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-8	2/27/2025	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-9	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
SW-10	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SW-11	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW-12	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
SW-12A	3/7/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
SW-13	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW-14	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-15	2/27/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
SW-16	3/7/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
SW-17	3/7/2025	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496

Notes:

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

- TPH analyses by EPA Method SW 8015 Mod.

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

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

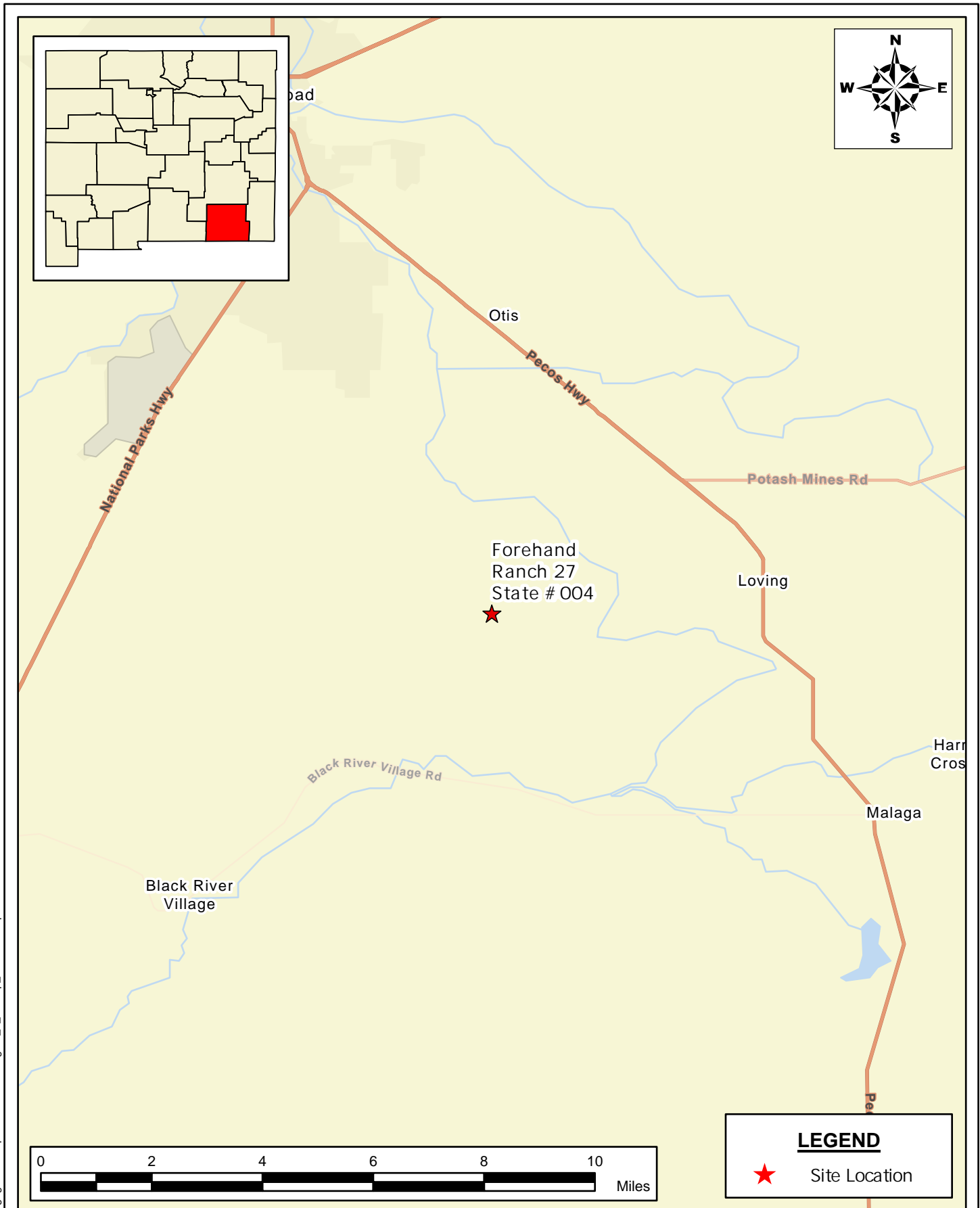
- Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

- Not Analyzed

SP-1

Sample Point Excavated

Figures



Document Path: C:\Users\ntg\gis\Desktop\Geodatabase\Figure_1_SLMMap_04012025.aprx

SITE LOCATION MAP
INCIDENT CLOSURE REPORT
CAZA OPERATING, LLC
 FOREHAND RANCH 27 STATE #004
 EDDY COUNTY, NEW MEXICO
 32.2778244,-104.17173

SCALE: As Shown Date: 4/1/2025 PROJECT #: 248971

New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntglobal.com



NOTES:

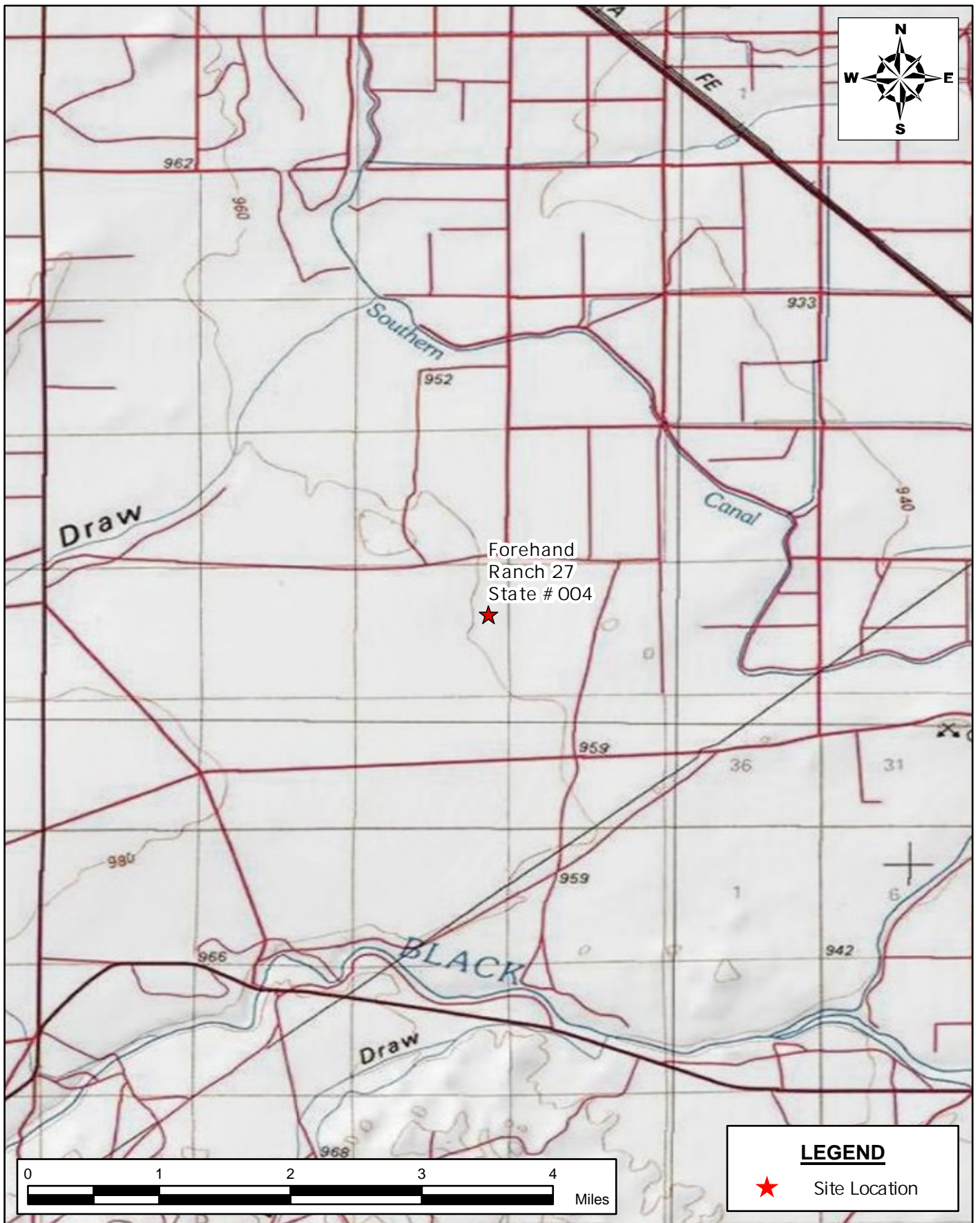
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1



Document Path: C:\Users\ntg\gis\Desktop\Geodatabase\Figure_2_TopoMap_04012025.aprx

**TOPOGRAPHIC MAP
INCIDENT CLOSURE REPORT
CAZA OPERATING, LLC
FOREHAND RANCH 27 STATE #004
EDDY COUNTY, NEW MEXICO
32.2778244,-104.17173**

SCALE: As Shown Date: 4/1/2025 PROJECT #: 248971

New Tech Global Environmental, LLC
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NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

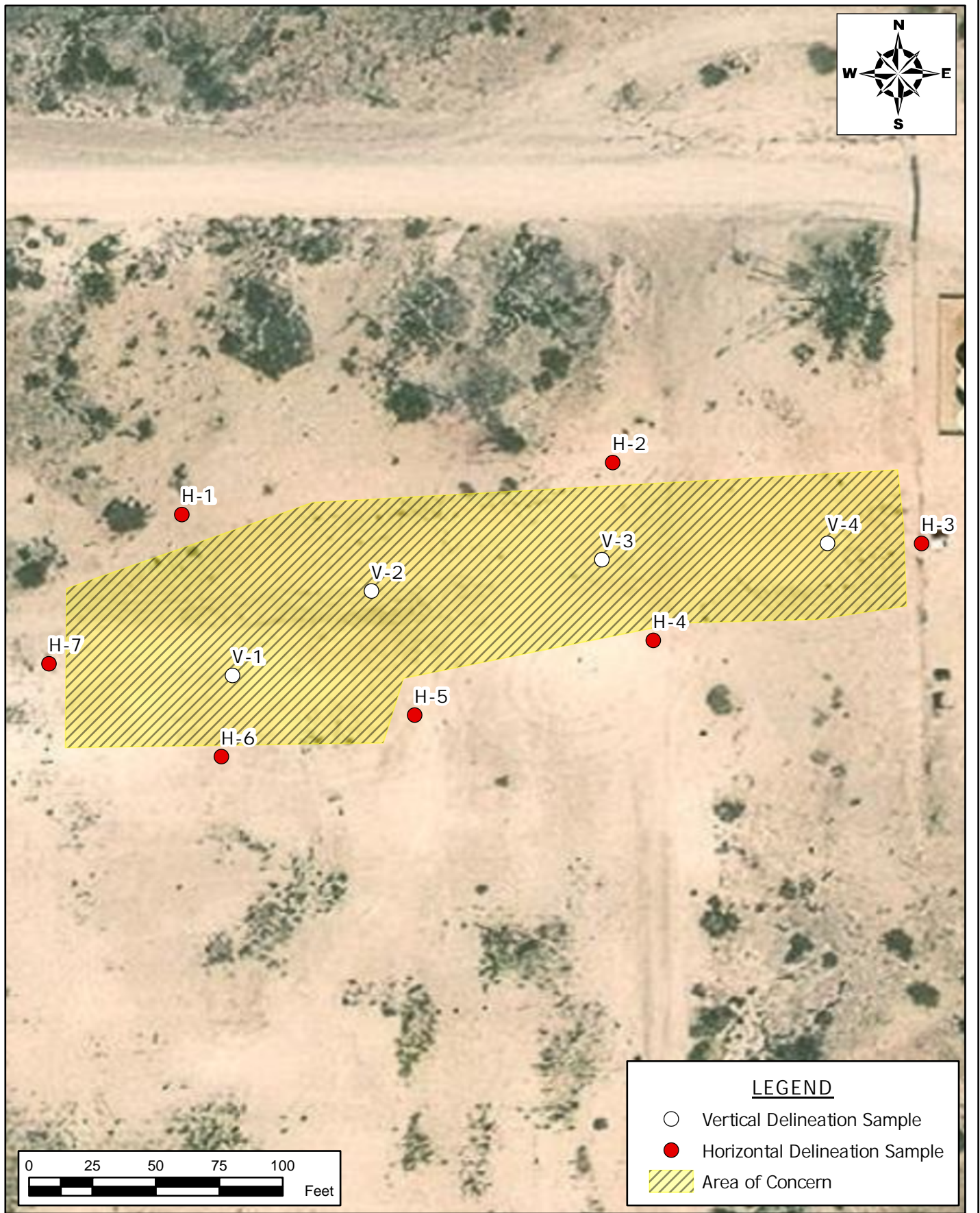
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntgis\Desktop\Geodatabase\Figure_3_DelineationMap_04012025.aprx



**DELINEATION SAMPLE MAP
INCIDENT CLOSURE REPORT
CAZA OPERATING, LLC**
FOREHAND RANCH 27 STATE #004
EDDY COUNTY, NEW MEXICO
32.2778244,-104.17173

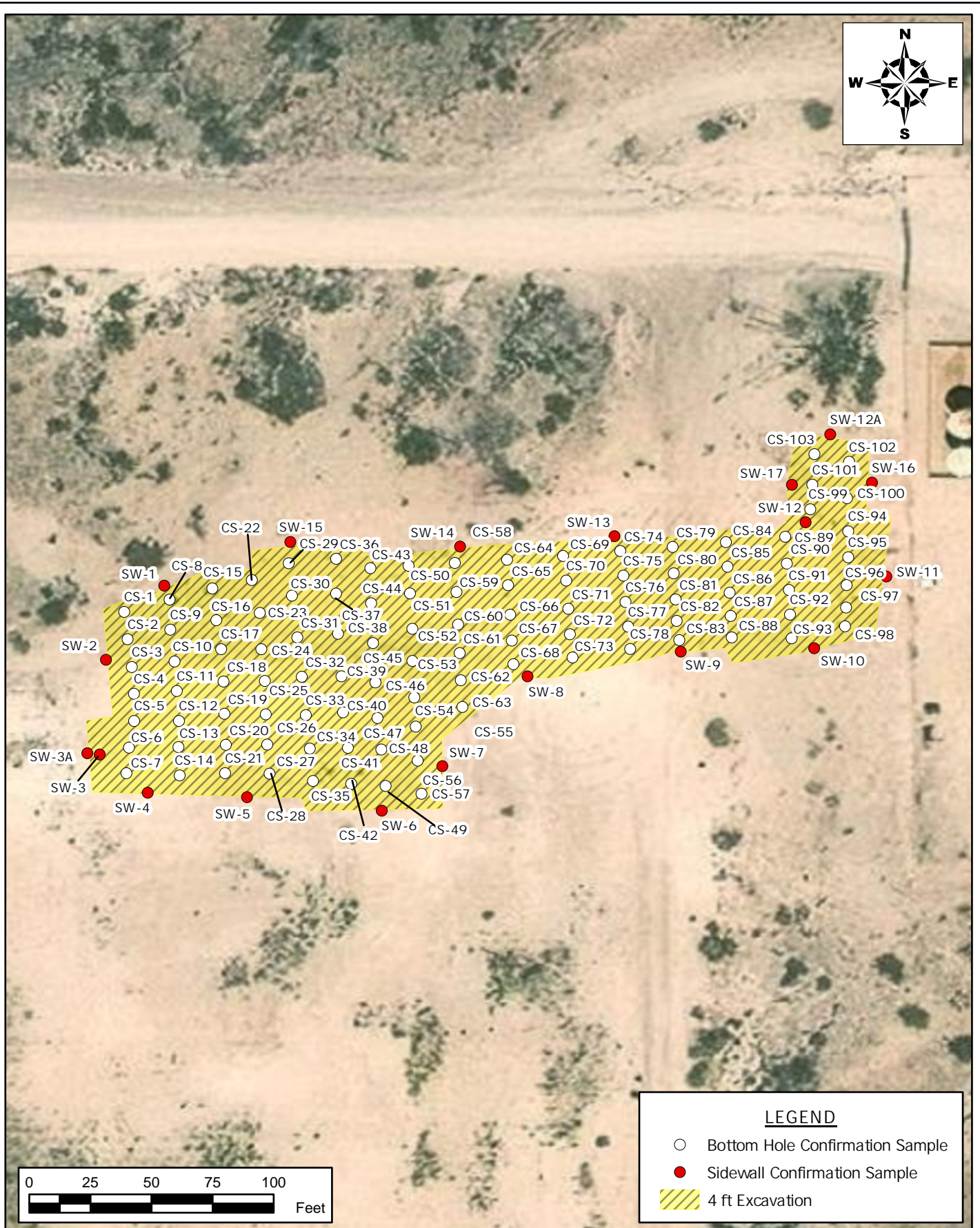
SCALE: As Shown	Date: 4/1/2025	PROJECT #: 248971
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New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
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Web: www.ntglobal.com

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1

Document Path: C:\Users\ntgis\Desktop\Geodatabase\Figure_4_ConfirmationSampleMap_04012025.aprx



**CONFIRMATION SAMPLE MAP
INCIDENT CLOSURE REPORT
CAZA OPERATING, LLC**
FOREHAND RANCH 27 STATE #004
EDDY COUNTY, NEW MEXICO
32.2778244,-104.17173

SCALE: As Shown

Date: 4/1/2025

PROJECT #: 248971



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Web: www.ntglobal.com

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1







Site Characterization Information

OCD Well Locations



1/24/2025, 3:27:34 PM

1:9,028

 Override 1
  OSE Water PODs
  PLSS Second Division
 Override 1
 Karst Occurrence Potential
  PLSS First Division
 High

BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, iPC,
Maxar, BLM

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 00518 POD2	NE	SE	SE	22	23S	27E	578105.0	3572431.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	24	Driller Company:	BRININSTOOL, M.D.
Driller Name:	BRININSTOOL, M.D.		
Drill Start Date:	2006-03-15	Drill Finish Date:	2006-06-14
Log File Date:	2008-08-31	PCW Rcv Date:	2008-08-31
Pump Type:		Pipe Discharge Size:	Estimated Yield: 500
Casing Size:	12.00	Depth Well:	220
		Depth Water:	98

OCD Well Locations



7/31/2024, 10:06:35 AM

Wells - Large Scale

Karst Occurrence Potential

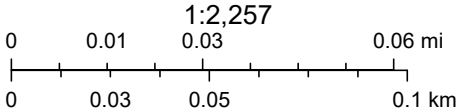
PLSS Second Division
PLSS First Division



Injection, Plugged



High

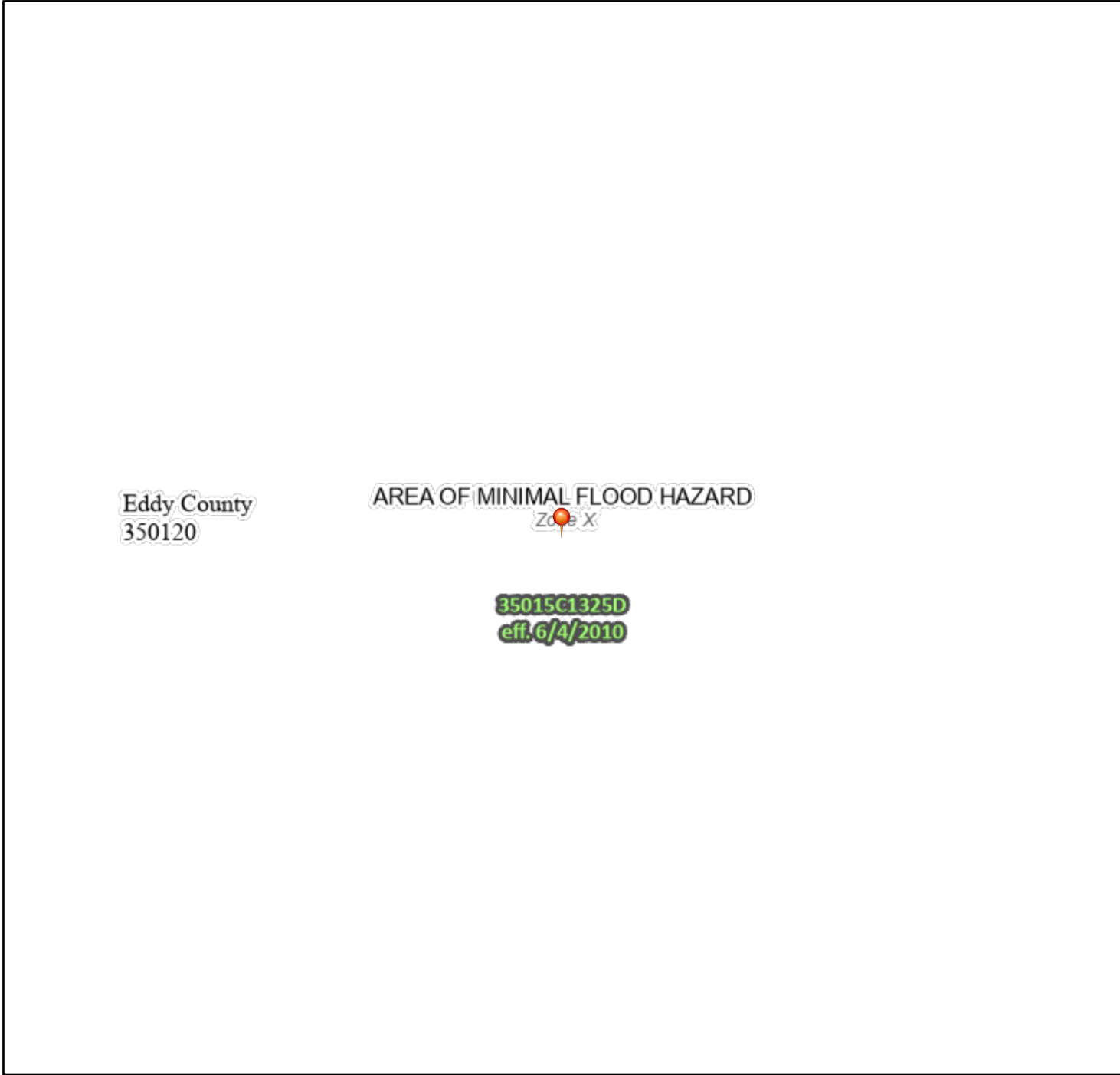


BLM, OCD, New Mexico Tech, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS

National Flood Hazard Layer FIRMette



104°10'37"W 32°16'55"N



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

1:6,000

104°9'59"W 32°16'25"N

Released to Imaging: 6/24/2025 8:26:55 AM

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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



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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/31/2024 at 12:07 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





Wetlands



September 4, 2024

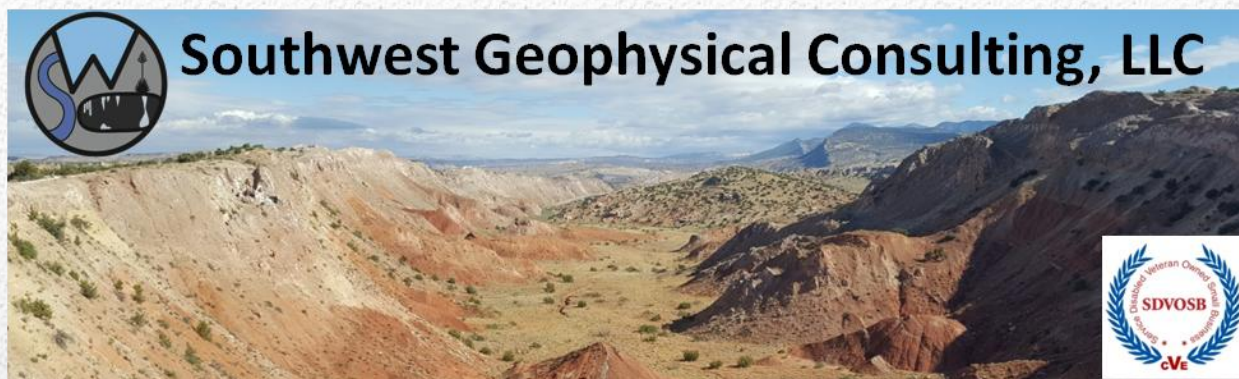
Wetlands

- 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 004H 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

NTGE-003-20250115

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MMXXV

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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 004H release site (hereinafter termed "FR2704") centered at N 32.278410° W 104.171444°.

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 004H 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.**
- One surface karst feature lies within the 305-meter survey boundary.
- **No anomalies consistent with subsurface air- or water-filled voids were found within the FR2704 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 FR2704 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**).

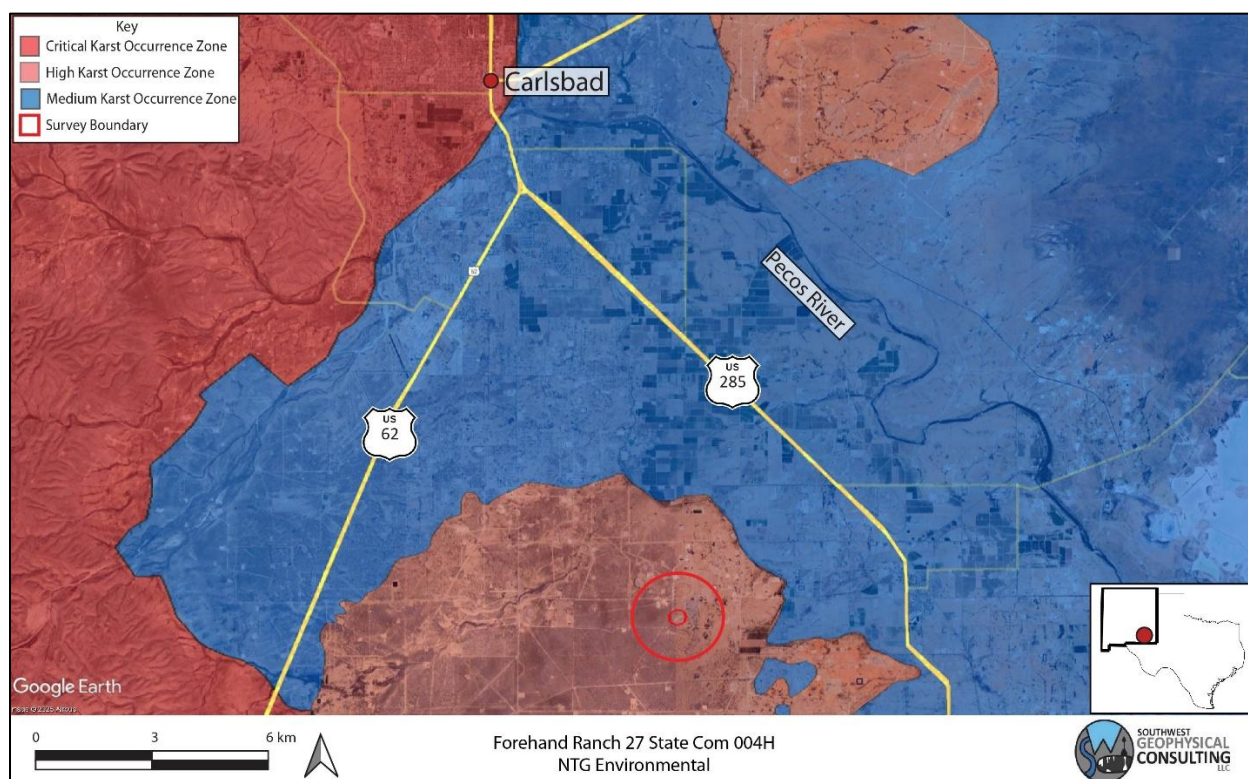


Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

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 16.4 kilometers (10.2 miles) south-southeast of Carlsbad, New Mexico, north of Bounds Road and west of U.S. 285. The study area is located within the NE $\frac{1}{4}$ 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**).

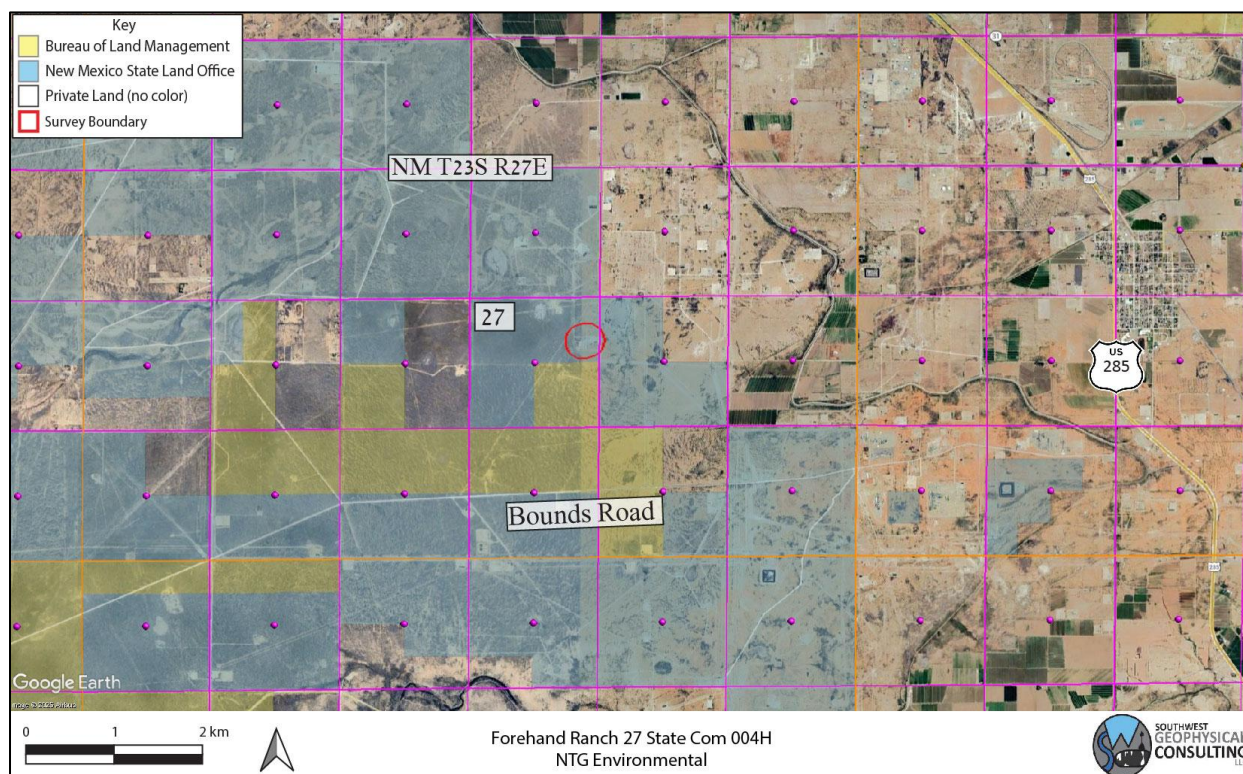


Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

2.2 Local Geology Summary

The site for the FR2704 survey is located at an elevation of 959 meters (3,146 feet), \pm 1 meters (3.2 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 (Psl), 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].

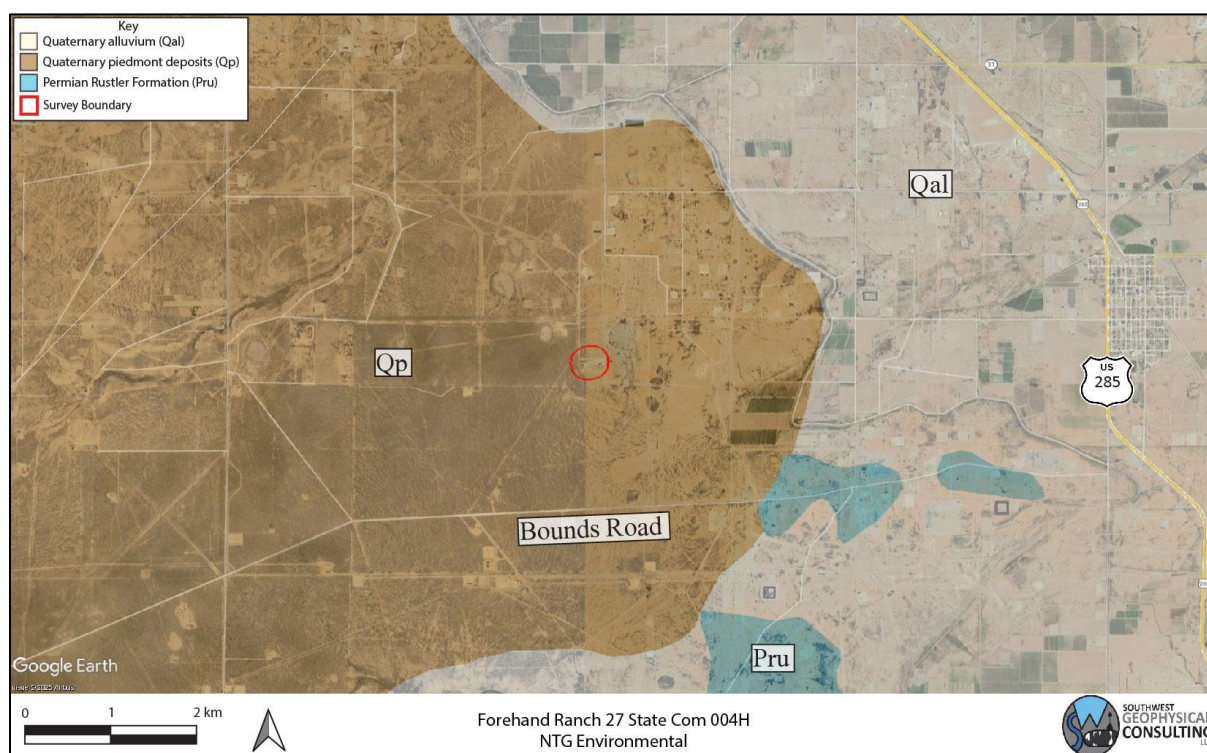


Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

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 January 27, 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 no results within the survey boundary.

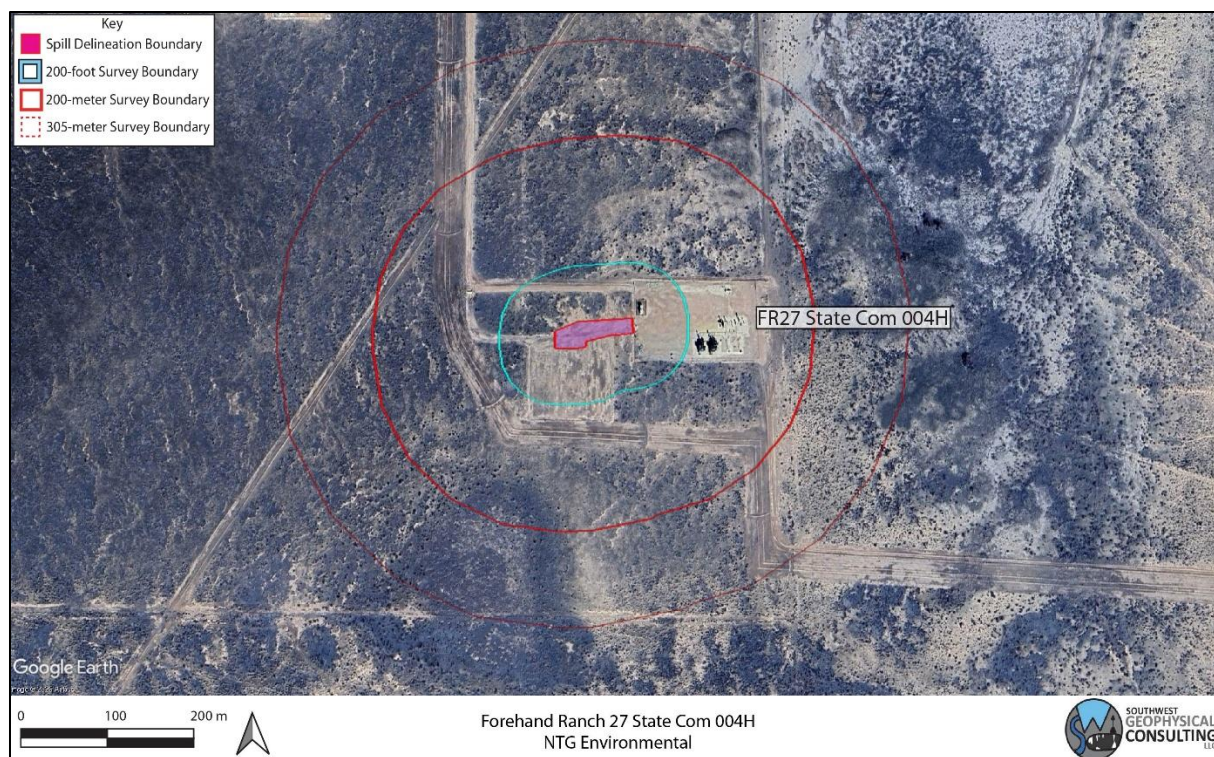


Figure 4: Surface survey overview. Background image credit: Google Earth. Image date: January 27, 2023. Datum: WGS-84.

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 multi-electrode switchbox, a 28-electrode array of 40-centimeter-long electrodes, and a tablet controller were used to image the subsurface. This survey consisted of two orthogonal resistivity lines in a dipole-dipole configuration: FR270401 was laid out south to north; FR270402 was laid out west to east. Both lines consisted of 28 electrodes at 5-meter spacing, resulting in 135-meter-long arrays (**Figure 5, Table 1**). A preconfigured command file was used to run the data collection (DD28). This electrode configuration provided a depth of investigation of 27 meters (89 feet) and 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.

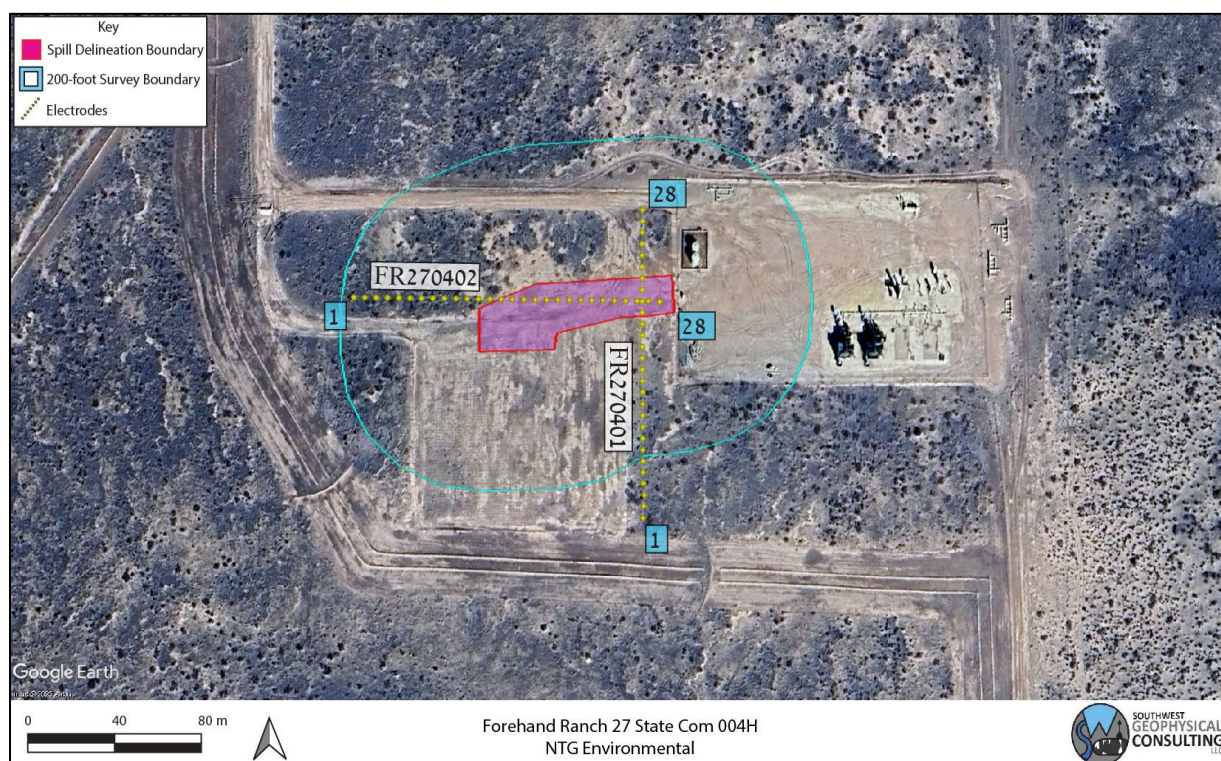


Figure 5: Geophysical survey overview. Two survey lines were conducted with 28 electrodes each at 5-meter spacing (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: January 27, 2023. Image datum: WGS-84.

Table 1 provides basic line data. Detailed information for each line including electrode number, location in latitude/longitude (decimal degree format), and elevation in meters can 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 FR2704_ERI_Points.xlsx and NTGE-003-20250115_FR2704_Data_Files.kmz.

File Name:	Completed By:	Date:
FR270401.kmz	Garrett Jorgensen Olague – Senior Field Geologist Britt Bommer – Field Geologist Steven Kesler – Field Geologist	1/28/2025
FR270402.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**).

Table 2: Software Information and Settings

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 k Ω -m Min Apparent Resistivity = 0.1 Ω -m

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 28, 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] karst survey boundary.

One recognized surface karst feature is located within the 305-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.

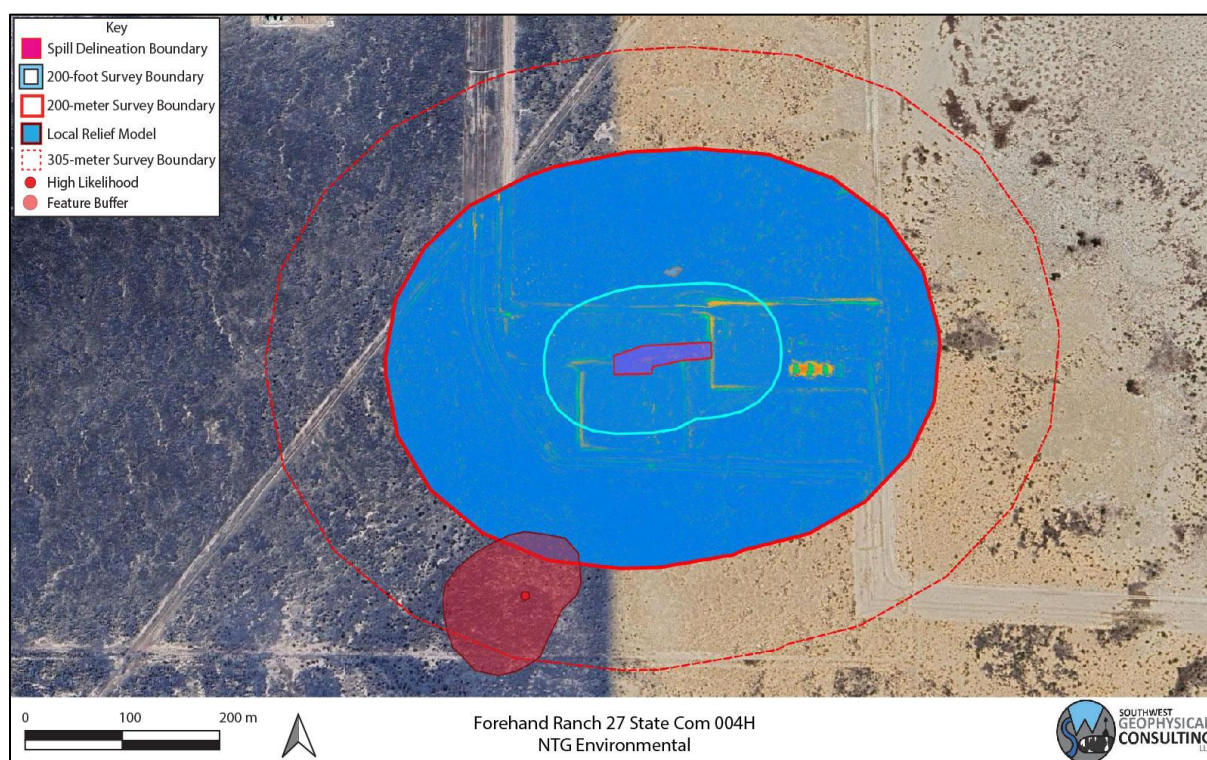


Figure 6: Aerial karst survey results. Background image credit: Google Earth. Image date: March 20, 2023. Image datum: WGS-84.

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 is recommended.

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).

Table 3: Surface Karst Feature Data Table

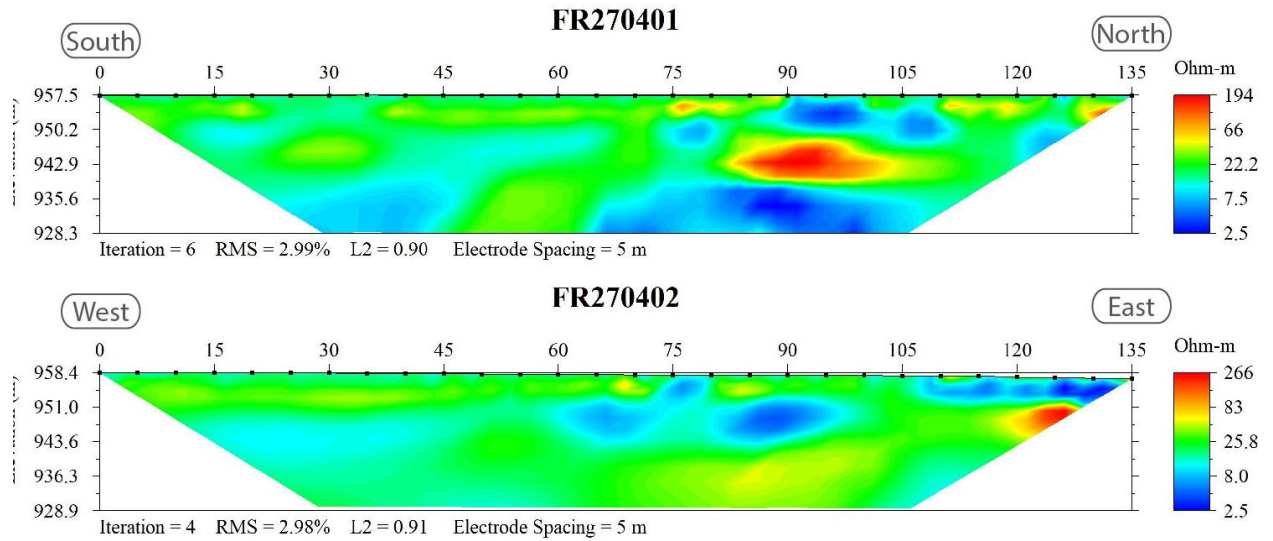
KF Status	Feature ID	Type	Size (m)	Buffer (m)	Mod	Easting	Northing
RKF	250127-D03	Suffosion sinkhole cluster	136	10	V	577909.854	3571345.658

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 2.5 and 266 Ohm-m (**Figure 7**). No unusual anomalies were 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.



4.0 DISCUSSION

No anomalies consistent with air-filled subsurface voids are found within the FR2704 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 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.

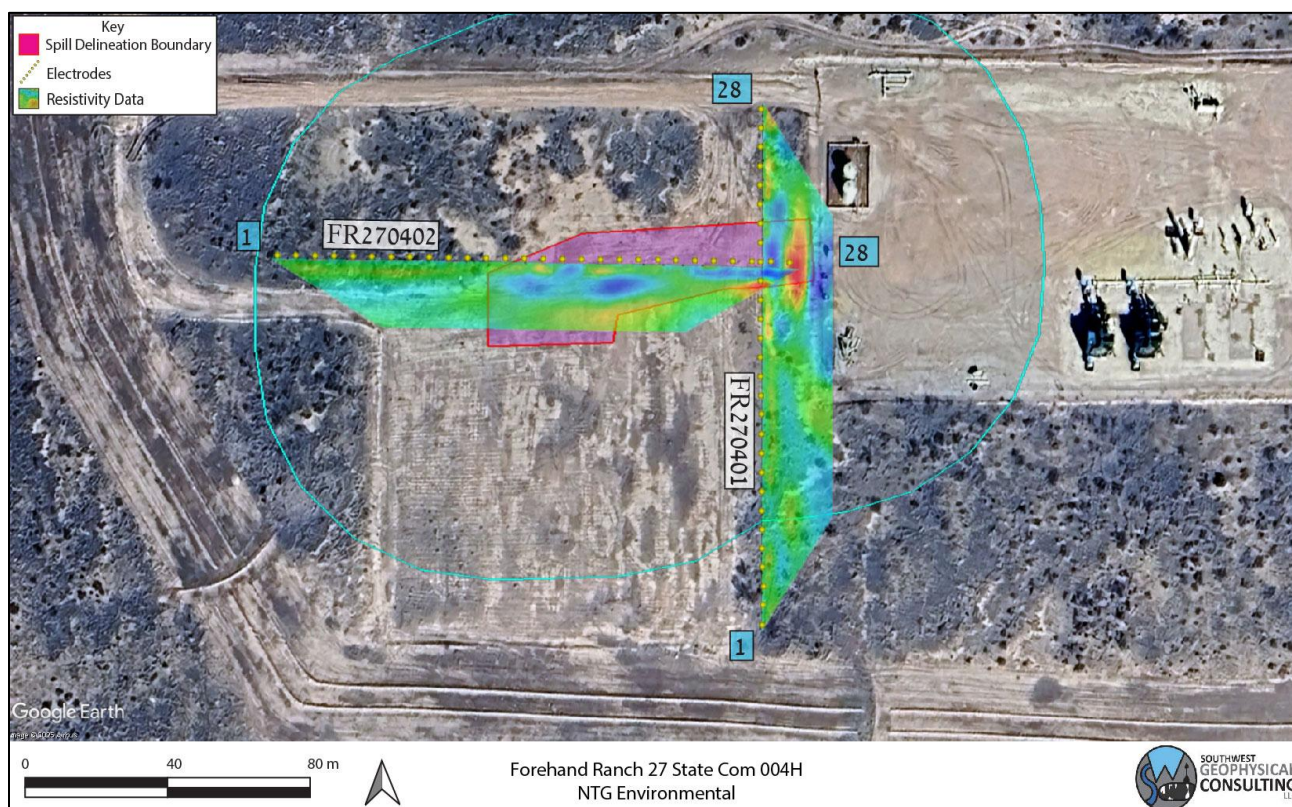


Figure 8: Data overlay. Colored trapezoids are 2D inverted resistivity lines. Background image credit: Google Earth. Image date: January 27, 2023.

5.0 SUMMARY

- **The FR2704 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.**
- Intercepting a void during remediation is unlikely, but still possible. Small voids or solutionally enlarged fractures below the resolution limit of the survey may be encountered.
- **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.

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).
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- 5 Decker, D., Trautner, E. & Palmer, R. (Bureau of Land Management - Carlsbad Field Office, 2025).
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- 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).
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- 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*, <<https://mrdata.usgs.gov/geology/state/state.php?state=NM>> (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	Electrical Resistivity Imaging
GPS	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.
HKOZ	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).
MKOZ	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
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation

PdI	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features 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
Py	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)

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

dave@swgeophys.com

(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-003-20250115 entitled, “Environmental Karst Study Report, Forehand Ranch 27 State Com 004H, 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.



David D. Decker

PhD, CPG-12123



Photographic Log

PHOTOGRAPHIC LOG

Caza Operating, LLC

Photograph No. 1

Facility: Forehand Ranch 27 State Com #004

County: Eddy County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 2

Facility: Forehand Ranch 27 State Com #004

County: Eddy County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 3

Facility: Forehand Ranch 27 State Com #004

County: Eddy County, New Mexico

Description:
Confirmation Sampling Event



PHOTOGRAPHIC LOG

Caza Operating, LLC

Photograph No. 4

Facility: Forehand Ranch 27 State Com #004

County: Eddy County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 5

Facility: Forehand Ranch 27 State Com #004

County: Eddy County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 6

Facility: Forehand Ranch 27 State Com #004

County: Eddy County, New Mexico

Description:
Confirmation Sampling Event



PHOTOGRAPHIC LOG

Caza Operating, LLC

Photograph No. 7

Facility: Forehand Ranch 27 State Com #004

County: Eddy County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 8

Facility: Forehand Ranch 27 State Com #004

County: Eddy County, New Mexico

Description:
Confirmation Sampling Event



Photograph No. 9

Facility: Forehand Ranch 27 State Com #004

County: Eddy County, New Mexico

Description:
Confirmation Sampling Event



PHOTOGRAPHIC LOG
Caza Operating, LLC

Photograph No. 10

Facility: Forehand Ranch 27 State Com
#004

County: Eddy County, New Mexico

Description:
Confirmation Sampling Event



Laboratory Reports and Chain-of-Custody



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

January 21, 2025

KELLAN SMITH

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: FOREHAND RANCH 27 STATE COM #004

Enclosed are the results of analyses for samples received by the laboratory on 01/17/25 13:51.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 0-0.5' (H250292-01)

BTX 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	01/20/2025	ND	1.69	84.3	2.00	1.67	
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900	
Total BTX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: KV				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1900	16.0	01/20/2025	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	01/20/2025	ND	208	104	200	3.63	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	194	97.2	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 1-1.5' (H250292-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2360	16.0	01/20/2025	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	01/20/2025	ND	208	104	200	3.63	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	194	97.2	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 2-2.5' (H250292-03)

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	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	01/20/2025	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	01/21/2025	ND	208	104	200	3.63	
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	194	97.2	200	4.44	
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 3-3.5' (H250292-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEx	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2210	16.0	01/20/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 4-4.5' (H250292-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2260	16.0	01/20/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 5-5.5' (H250292-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEx	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2100	16.0	01/20/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 6-6.5' (H250292-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1940	16.0	01/20/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 7-7.5' (H250292-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1280	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 1 8-8.5' (H250292-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	992	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 0-0.5' (H250292-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEx	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6080	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 1-1.5' (H250292-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEx	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1580	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 2-2.5' (H250292-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 3-3.5' (H250292-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 2 4-4.5' (H250292-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEx	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 0-0.5' (H250292-15)

BTX 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	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 1-1.5' (H250292-16)

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	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 2-2.5' (H250292-17)

BTX 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	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1540	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 3-3.5' (H250292-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTEx	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	992	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 4-4.5' (H250292-19)

BTX 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	01/20/2025	ND	1.69	84.3	2.00	1.67		
Toluene*	<0.050	0.050	01/20/2025	ND	1.85	92.5	2.00	0.830		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	1.88	94.0	2.00	1.28		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.67	94.5	6.00	0.900		
Total BTX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2480	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 5-5.5' (H250292-20)

BTX 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	01/20/2025	ND	2.18	109	2.00	7.57	
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21	QM-07, QR-03
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316	QM-07, QR-03
Total BTX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2480	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 6-6.5' (H250292-21)

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	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 7-7.5' (H250292-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEX	<0.300	0.300	01/20/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 8-8.5' (H250292-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1060	16.0	01/21/2025	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	01/20/2025	ND	188	93.9	200	3.96	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	185	92.4	200	3.96	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 9-9.5' (H250292-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1470	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	QM-07
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 10-10.5' (H250292-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEx	<0.300	0.300	01/20/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 11-11.5' (H250292-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57	
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316	
Total BTEX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 3 12-12.5' (H250292-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 0-0.5' (H250292-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEX	<0.300	0.300	01/20/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	928	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 1-1.5' (H250292-29)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57	
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316	
Total BTEX	<0.300	0.300	01/20/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	992	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 2-2.5' (H250292-30)

BTX 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	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTX	<0.300	0.300	01/20/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 3-3.5' (H250292-31)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57	
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316	
Total BTEX	<0.300	0.300	01/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3560	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 4-4.5' (H250292-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEX	<0.300	0.300	01/20/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 5-5.5' (H250292-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 6-6.5' (H250292-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 7-7.5' (H250292-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEX	<0.300	0.300	01/20/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 8-8.5' (H250292-36)

BTX 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	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1970	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V -4 9-9.5' (H250292-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57	
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316	
Total BTEX	<0.300	0.300	01/20/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 10-10.5' (H250292-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	2.18	109	2.00	7.57		
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316		
Total BTEx	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2020	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 11-11.5' (H250292-39)

BTX 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	01/20/2025	ND	2.18	109	2.00	7.57	
Toluene*	<0.050	0.050	01/20/2025	ND	2.24	112	2.00	2.01	
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.44	122	2.00	1.21	
Total Xylenes*	<0.150	0.150	01/20/2025	ND	7.45	124	6.00	0.316	
Total BTX	<0.300	0.300	01/20/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 12-12.5' (H250292-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTEx	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1660	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 13-13.5' (H250292-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTEx	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	992	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 14-14.5' (H250292-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: V - 4 15-15.5' (H250292-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	01/21/2025	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	01/20/2025	ND	212	106	200	3.18	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	201	100	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 1 0-0.5' (H250292-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1330	16.0	01/21/2025	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	01/20/2025	ND	232	116	200	3.02	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	216	108	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 2 0-0.5' (H250292-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/21/2025	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	01/20/2025	ND	232	116	200	3.02	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	216	108	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 3 0-0.5' (H250292-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/21/2025	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	01/20/2025	ND	232	116	200	3.02	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	216	108	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 4 0-0.5' (H250292-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	01/21/2025	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	01/20/2025	ND	232	116	200	3.02	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	216	108	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 5 0-0.5' (H250292-48)

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	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/21/2025	ND	448	112	400	3.51		

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	01/20/2025	ND	232	116	200	3.02	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	216	108	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 6 0-0.5' (H250292-49)

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	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTEX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/21/2025	ND	448	112	400	3.51		

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	01/20/2025	ND	232	116	200	3.02	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	216	108	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/21/2025	Sampling Type:	Soil
Project Name:	FOREHAND RANCH 27 STATE COM #00	Sampling Condition:	Cool & Intact
Project Number:	248971	Sample Received By:	Alyssa Parras
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 7 0-0.5' (H250292-50)

BTX 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	01/20/2025	ND	1.87	93.3	2.00	2.90		
Toluene*	<0.050	0.050	01/20/2025	ND	2.04	102	2.00	2.83		
Ethylbenzene*	<0.050	0.050	01/20/2025	ND	2.00	100	2.00	3.15		
Total Xylenes*	<0.150	0.150	01/20/2025	ND	5.88	97.9	6.00	3.23		
Total BTX	<0.300	0.300	01/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/21/2025	ND	448	112	400	3.51		

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	01/20/2025	ND	232	116	200	3.02	
DRO >C10-C28*	<10.0	10.0	01/20/2025	ND	216	108	200	2.67	
EXT DRO >C28-C36	<10.0	10.0	01/20/2025	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H250292Page 1 of 5

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Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:		Forehand Ranch 27 State #004		Turn Around				ANALYSIS REQUEST												Preservative Codes	
Project Number:	248971	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code													None: NO	DI Water: H ₂ O			
Project Location	Eddy Co, NM	Due Date:	48 hr	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500										Cool: Cool	MeOH: Me			
Sampler's Name:	Grant Gardner	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN			
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na			
																	H ₃ PO ₄ : HP				
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#140										NaHSO ₄ : NABIS				
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A		Correction Factor:	C0.00												Na ₂ S ₂ O ₃ : NaSO ₃				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A		Temperature Reading:	-4.8												Zn Acetate+NaOH: Zn				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	N/A		Corrected Temperature:	-5.4												NaOH+Ascorbic Acid: SAPC				
Total Containers:	50																				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
V-1	0-0.5'	1/16/2025		x		Grab	1	x	x	x											
V-1	1-1.5'	1/16/2025		x		Grab	1	x	x	x											
V-1	2-2.5'	1/16/2025		x		Grab	1	x	x	x											
V-1	3-3.5'	1/16/2025		x		Grab	1	x	x	x											
V-1	4-4.5'	1/16/2025		x		Grab	1	x	x	x											
V-1	5-5.5'	1/16/2025		x		Grab	1	x	x	x											
V-1	6-6.5'	1/16/2025		x		Grab	1	x	x	x											
V-1	7-7.7'	1/16/2025		x		Grab	1	x	x	x											
V-1	8-8.5'	1/16/2025		x		Grab	1	x	x	x											
V-2	0-0.5'	1/16/2025		x		Grab	1	x	x	x											

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Grant Gardner	CT	1/17/25 12:00pm	CT	ADP	1-17-25 1351
3					
5					

Revised Date 05012020 Rev. 2020.1



Chain of Custody

Work Order No: H250392Page 2 of 5

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Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:		Turn Around		ANALYSIS REQUEST																Preservative Codes						
Forehand Ranch 27 State #004		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																		None: NO DI Water: H ₂ O						
Project Number: 248971		Due Date: 48 hr																		Cool: Cool MeOH: Me						
Project Location: Eddy Co, NM		TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC HNO ₃ : HN						
Sampler's Name: Grant Gardner																				H ₂ SO ₄ : H ₂ NaOH: Na						
PO #																				H ₃ PO ₄ : HP						
SAMPLE RECEIPT		Temp Blank:		Wet Ice:		Parameters																		Sample Comments		
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID: #1140		BTEX 8021B																				
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor: 0.0162		TPH 8015M (GRO + DRO + MRO)																				
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading: -4.8		Chloride 4500																				
Total Containers:		50		Corrected Temperature: -5.4																						
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont																			
V-2	1-1.5'	1/16/2025		x		Grab	1	x	x	x																
V-2	2-2.5'	1/16/2025		x		Grab	1	x	x	x																
V-2	3-3.5'	1/16/2025		x		Grab	1	x	x	x																
V-2	4-4.5'	1/16/2025		x		Grab	1	x	x	x																
V-3	0-0.5'	1/16/2025		x		Grab	1	x	x	x																
V-3	1-1.5'	1/16/2025		x		Grab	1	x	x	x																
V-3	2-2.5'	1/16/2025		x		Grab	1	x	x	x																
V-3	3-3.5'	1/16/2025		x		Grab	1	x	x	x																
V-3	4-4.5'	1/16/2025		x		Grab	1	x	x	x																
V-3	5-5.5'	1/16/2025		x		Grab	1	x	x	x																

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Grant Gardner	CT	1/17/25 12:06pm	CT	Apauis	1/17/25 1:35
3					
5					



Chain of Custody

Work Order No: H250292Page 3 of 5

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Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	<u>ksmith@ntglobal.com</u>

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

Project Name:		Forehand Ranch 27 State #004		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes					
Project Number:		248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																None: NO DI Water: H ₂ O					
Project Location:		Eddy Co, NM		Due Date:		48 hr														Cool: Cool MeOH: Me					
Sampler's Name:		Grant Gardner		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN					
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Parameters		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500												HOLD	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		#140																			
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:		C-0.01																			
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		-4.82																			
Total Containers:		50		Corrected Temperature:		-5.42																			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments					
V-3	6-6.5'	1/16/2025		x		Grab	1	x	x	x															
V-3	7-7.5'	1/16/2025		x		Grab	1	x	x	x															
V-3	8-8.5'	1/16/2025		x		Grab	1	x	x	x															
V-3	9-9.5'	1/16/2025		x		Grab	1	x	x	x															
V-3	10-10.5'	1/16/2025		x		Grab	1	x	x	x															
V-3	11-11.5'	1/16/2025		x		Grab	1	x	x	x															
V-3	12-12.5'	1/16/2025		x		Grab	1	x	x	x															
V-4	0-0.5'	1/16/2025		x		Grab	1	x	x	x															
V-4	1-1.5'	1/16/2025		x		Grab	1	x	x	x															
V-4	2-2.5'	1/16/2025		x		Grab	1	x	x	x															

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Grant Gardner	CT	1/17/25 12:00pm	CT	apening	1-17-25 1351
3					
5					

Revised Date 05/01/2020 Rev. 2020.1



Chain of Custody

Work Order No: 11550392

Page 4 of 5


Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Phone: (580) 682-1889		Email: ksmith@ntglobal.com	
Project Name: Forehand Ranch 27 State #004		Turn Around	
Project Number: 248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	
Project Location: Eddy Co, NM		Due Date: 48 hr	
Sampler's Name: Grant Gardner		TAT starts the day received by the lab, if received by 4:30pm	
PO #			
SAMPLE RECEIPT		Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Thermometer ID: #140 Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Correction Factor: C.O. 6.2 Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Temperature Reading: -4.82 Total Containers: 50 Corrected Temperature: -5.42	
Sample Identification		Depth (ft bgs)	
Date		Time	
Soil		Water	
Grab/Comp		# of Cont	
V-4		3-3.5'	
V-4		4-4.5'	
V-4		5-5.5'	
V-4		6-6.5'	
V-4		7-7.5'	
V-4		8-8.5'	
V-4		9-9.5'	
V-4		10-10.5'	
V-4		11-11.5'	
V-4		12-12.5'	
ANALYSIS REQUEST		Pres. Code	
BTEX 8021B		TPH 8015M (GRO + DRO + MRO)	
Chloride 4500		HOLD	
None: NO		DI Water: H ₂ O	
Cool: Cool		MeOH: Me	
HCL: HC		HNO ₃ : HN	
H ₂ SO ₄ : H ₂		NaOH: Na	
H ₃ PO ₄ : HP			
NaHSO ₄ : NABIS			
Na ₂ S ₂ O ₃ : NaSO ₃			
Zn Acetate+NaOH: Zn			
NaOH+Ascorbic Acid: SAPC			
Sample Comments			

Additional Comments:

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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 entered into a separate agreement.					
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Grant Gardner	CT	1/17/25 12:09pm	2. CT		1. 17.25.1351
3			4		
5			6		

Revised Date 05/12/2020 Rev. 2020



Chain of Custody

Work Order No: H250292Page 5 of 5

Page 57 of 57

Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:		Turn Around		ANALYSIS REQUEST																Preservative Codes								
Forehand Ranch 27 State #004		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																		None: NO DI Water: H ₂ O								
Project Number: 248971		Due Date: 48 hr																		Cool: Cool MeOH: Me								
Project Location: Eddy Co, NM		TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC HNO ₃ : HN								
Sampler's Name: Grant Gardner																				H ₂ SO ₄ : H ₂ NaOH: Na								
PO #:																				H ₃ PO ₄ : HP								
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		<div style="display: flex; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Parameters</div> <div style="margin-left: 10px;"> BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500 </div> </div> <td colspan="2" rowspan="5">HOLD</td>																HOLD		
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		#140																						
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:		C-0.02																						
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		-4.82																						
Total Containers:		50		Corrected Temperature:		-5.42																						
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments				
V-4	13-13.5'	1/16/2025		x		Grab	1	x	x	x																		
V-4	14-14.5'	1/16/2025		x		Grab	1	x	x	x																		
V-4	15-15.5'	1/16/2025		x		Grab	1	x	x	x																		
H-1	0-0.5'	1/16/2025		x		Grab	1	x	x	x																		
H-2	0-0.5'	1/16/2025		x		Grab	1	x	x	x																		
H-3	0-0.5'	1/16/2025		x		Grab	1	x	x	x																		
H-4	0-0.5'	1/16/2025		x		Grab	1	x	x	x																		
H-5	0-0.5'	1/16/2025		x		Grab	1	x	x	x																		
H-6	0-0.5'	1/16/2025		x		Grab	1	x	x	x																		
H-7	0-0.5'	1/16/2025		x		Grab	1	x	x	x																		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1. Grant Gardner	CT	1/17/25 12:00 pm	CT	CT	1-17-25 1:35
3					
5					

Revised Date 05012020 Rev. 2020.1



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

February 28, 2025

KELLAN SMITH

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: FHR 27 STATE #004

Enclosed are the results of analyses for samples received by the laboratory on 02/27/25 13:55.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 1 4' (H251195-01)

BTX 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	02/27/2025	ND	1.81	90.6	2.00	0.466	
Toluene*	<0.050	0.050	02/27/2025	ND	2.05	102	2.00	4.23	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.25	113	2.00	6.19	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.74	112	6.00	6.30	
Total BTX	<0.300	0.300	02/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	02/28/2025	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	02/27/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 4' (H251195-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.81	90.6	2.00	0.466	
Toluene*	<0.050	0.050	02/27/2025	ND	2.05	102	2.00	4.23	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.25	113	2.00	6.19	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.74	112	6.00	6.30	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	02/28/2025	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	02/27/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 3 4' (H251195-03)

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	02/27/2025	ND	1.81	90.6	2.00	0.466	
Toluene*	<0.050	0.050	02/27/2025	ND	2.05	102	2.00	4.23	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.25	113	2.00	6.19	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.74	112	6.00	6.30	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	02/28/2025	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	02/27/2025	ND	220	110	200	3.72	
DRO >C10-C28*	91.0	10.0	02/27/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	11.2	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 4 4' (H251195-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.81	90.6	2.00	0.466	
Toluene*	<0.050	0.050	02/27/2025	ND	2.05	102	2.00	4.23	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.25	113	2.00	6.19	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.74	112	6.00	6.30	
Total BTEX	<0.300	0.300	02/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	02/28/2025	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	02/27/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 5 4' (H251195-05)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.81	90.6	2.00	0.466	
Toluene*	<0.050	0.050	02/27/2025	ND	2.05	102	2.00	4.23	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.25	113	2.00	6.19	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.74	112	6.00	6.30	
Total BTEX	<0.300	0.300	02/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1580	16.0	02/28/2025	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	02/27/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 6 4' (H251195-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.81	90.6	2.00	0.466	
Toluene*	<0.050	0.050	02/27/2025	ND	2.05	102	2.00	4.23	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.25	113	2.00	6.19	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.74	112	6.00	6.30	
Total BTEX	<0.300	0.300	02/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	02/28/2025	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	02/27/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 7 4' (H251195-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.81	90.6	2.00	0.466	
Toluene*	<0.050	0.050	02/27/2025	ND	2.05	102	2.00	4.23	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.25	113	2.00	6.19	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.74	112	6.00	6.30	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	02/28/2025	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	02/27/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 8 4' (H251195-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.81	90.6	2.00	0.466		
Toluene*	<0.050	0.050	02/27/2025	ND	2.05	102	2.00	4.23		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.25	113	2.00	6.19		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.74	112	6.00	6.30		
Total BTEX	<0.300	0.300	02/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/28/2025	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	02/27/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 9 4' (H251195-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551		
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/28/2025	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	02/27/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 10 4' (H251195-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551	
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8640	16.0	02/28/2025	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	02/28/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 11 4' (H251195-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551	
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	02/28/2025	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	02/28/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 12 4' (H251195-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551	
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	02/28/2025	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	02/28/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 13 4' (H251195-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551	
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	02/28/2025	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	02/28/2025	ND	220	110	200	3.72	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	211	105	200	2.36	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 14 4' (H251195-14)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551	
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	02/28/2025	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	02/27/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 15 4' (H251195-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551		
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	02/28/2025	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	02/27/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 16 4' (H251195-16)

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	02/27/2025	ND	1.87	93.5	2.00	0.551		
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 17 4' (H251195-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551	
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6130	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 18 4' (H251195-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551		
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5920	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 19 4' (H251195-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551	
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3440	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 20 4' (H251195-20)

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	02/27/2025	ND	1.87	93.5	2.00	0.551		
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3400	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 68.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 21 4' (H251195-21)

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	02/27/2025	ND	1.87	93.5	2.00	0.551	
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1520	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 22 4' (H251195-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551	
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 23 4' (H251195-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551		
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 24 4' (H251195-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551		
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 25 4' (H251195-25)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551	
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 26 4' (H251195-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551		
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9800	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 27 4' (H251195-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551		
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2640	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 28 4' (H251195-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.87	93.5	2.00	0.551		
Toluene*	<0.050	0.050	02/27/2025	ND	1.92	96.1	2.00	0.462		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.84	91.8	2.00	0.682		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	5.43	90.4	6.00	0.571		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 29 4' (H251195-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 30 4' (H251195-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 31 4' (H251195-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 32 4' (H251195-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7100	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 33 4' (H251195-33)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.98	98.9	2.00	0.906	
Toluene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	0.734	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.28	105	6.00	0.949	
Total BTEX	<0.300	0.300	02/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5600	16.0	02/28/2025	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	02/28/2025	ND	199	99.3	200	6.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	199	99.3	200	4.22	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 34 4' (H251195-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6080	16.0	02/28/2025	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	02/27/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 35 4' (H251195-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	02/28/2025	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	02/27/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 36 4' (H251195-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	02/28/2025	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	02/27/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/27/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/27/2025	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 37 4' (H251195-37)

BTX 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	02/28/2025	ND	1.98	98.9	2.00	0.906	
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949	
Total BTX	<0.300	0.300	02/28/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 38 4' (H251195-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 39 4' (H251195-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2025	ND	1.98	98.9	2.00	0.906	
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949	
Total BTEX	<0.300	0.300	02/28/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3120	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 40 4' (H251195-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 41 4' (H251195-41)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2025	ND	1.98	98.9	2.00	0.906	
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949	
Total BTEX	<0.300	0.300	02/28/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 42 4' (H251195-42)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2025	ND	1.98	98.9	2.00	0.906	
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949	
Total BTEX	<0.300	0.300	02/28/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1950	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 43 4' (H251195-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 44 4' (H251195-44)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2025	ND	1.98	98.9	2.00	0.906	
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949	
Total BTEX	<0.300	0.300	02/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 45 4' (H251195-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1010	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 66.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 46 4' (H251195-46)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2025	ND	1.98	98.9	2.00	0.906	
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949	
Total BTEX	<0.300	0.300	02/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 47 4' (H251195-47)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2025	ND	1.98	98.9	2.00	0.906	
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949	
Total BTEX	<0.300	0.300	02/28/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 48 4' (H251195-48)

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	02/28/2025	ND	1.98	98.9	2.00	0.906		
Toluene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	1.04		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.04	102	2.00	0.734		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.28	105	6.00	0.949		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 49 4' (H251195-49)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4480	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 59.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 50 4' (H251195-50)

BTX 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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 51 4' (H251195-51)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 52 4' (H251195-52)

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	02/27/2025	ND	1.87	93.6	2.00	10.1	
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2880	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 53 4' (H251195-53)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8400	16.0	02/28/2025	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	02/28/2025	ND	204	102	200	3.63	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.7	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 54 4' (H251195-54)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6000	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 55 4' (H251195-55)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 56 4' (H251195-56)

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	02/27/2025	ND	1.87	93.6	2.00	10.1	
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1730	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 57 4' (H251195-57)

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	02/27/2025	ND	1.87	93.6	2.00	10.1	
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 58 4' (H251195-58)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 59 4' (H251195-59)

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	02/27/2025	ND	1.87	93.6	2.00	10.1	
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 60 4' (H251195-60)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 61 4' (H251195-61)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1870	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 62 4' (H251195-62)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEx	<0.300	0.300	02/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 63 4' (H251195-63)

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	02/27/2025	ND	1.87	93.6	2.00	10.1	
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 64 4' (H251195-64)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 65 4' (H251195-65)

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	02/27/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 66 4' (H251195-66)

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	02/27/2025	ND	1.87	93.6	2.00	10.1	
Toluene*	<0.050	0.050	02/27/2025	ND	2.07	104	2.00	6.93	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	2.12	106	2.00	5.41	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.45	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 67 4' (H251195-67)

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	02/28/2025	ND	1.87	93.6	2.00	10.1		
Toluene*	<0.050	0.050	02/28/2025	ND	2.07	104	2.00	6.93		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.12	106	2.00	5.41		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.45	108	6.00	6.25		
Total BTEx	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 68 4' (H251195-68)

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	02/28/2025	ND	1.87	93.6	2.00	10.1	
Toluene*	<0.050	0.050	02/28/2025	ND	2.07	104	2.00	6.93	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.12	106	2.00	5.41	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.45	108	6.00	6.25	
Total BTEX	<0.300	0.300	02/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 69 4' (H251195-69)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 70 4' (H251195-70)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 71 4' (H251195-71)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 87.4 % 63.9-155

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 72 4' (H251195-72)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 107 % 71.8-148

Surrogate: 1-Chlorooctadecane 111 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 73 4' (H251195-73)

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	02/28/2025	ND	1.85	92.7	2.00	9.11	
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79	
Total BTEX	<0.300	0.300	02/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/28/2025	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	02/28/2025	ND	203	101	200	0.166	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	205	103	200	0.0887	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 111 % 71.8-148

Surrogate: 1-Chlorooctadecane 116 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 74 4' (H251195-74)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 95.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 91.2 % 63.9-155

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 75 4' (H251195-75)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 90.3 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 76 4' (H251195-76)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 94.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 88.7 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 77 4' (H251195-77)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 91.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 80.7 % 63.9-155

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 78 4' (H251195-78)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 72.7 % 63.9-155

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 79 4' (H251195-79)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 91.9 % 71.8-148

Surrogate: 1-Chlorooctadecane 84.6 % 63.9-155

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 80 4' (H251195-80)

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	02/28/2025	ND	1.85	92.7	2.00	9.11	
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79	
Total BTEX	<0.300	0.300	02/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3120	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 93.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 93.7 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 81 4' (H251195-81)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4240	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 95.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 96.9 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 82 4' (H251195-82)

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	02/28/2025	ND	1.85	92.7	2.00	9.11	
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79	
Total BTEX	<0.300	0.300	02/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 93.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 92.1 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 83 4' (H251195-83)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5160	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 96.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 95.3 % 63.9-155

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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: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 84 4' (H251195-84)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 85 4' (H251195-85)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4320	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 86 4' (H251195-86)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 87 4' (H251195-87)

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	02/28/2025	ND	1.85	92.7	2.00	9.11		
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3640	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 110 % 71.8-148

Surrogate: 1-Chlorooctadecane 114 % 63.9-155

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 88 4' (H251195-88)

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	02/28/2025	ND	1.85	92.7	2.00	9.11	
Toluene*	<0.050	0.050	02/28/2025	ND	2.02	101	2.00	3.47	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.08	104	2.00	2.19	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.27	104	6.00	2.79	
Total BTEX	<0.300	0.300	02/28/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1460	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 95.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 100 % 63.9-155

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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 89 4' (H251195-89)

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	02/27/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/27/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.05	101	6.00	3.89		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	02/28/2025	ND	400	100	400	7.69	QM-07	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 104 % 71.8-148

Surrogate: 1-Chlorooctadecane 107 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 90 4' (H251195-90)

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	02/27/2025	ND	1.82	91.0	2.00	1.17	
Toluene*	<0.050	0.050	02/27/2025	ND	1.90	94.9	2.00	2.30	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.96	97.9	2.00	3.97	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.05	101	6.00	3.89	
Total BTEX	<0.300	0.300	02/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	02/28/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 105 % 71.8-148

Surrogate: 1-Chlorooctadecane 109 % 63.9-155

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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H251195Page 1 of 12

Page 93 of 101

Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:	FHR 27 State #004		Turn Around		ANALYSIS REQUEST												Preservative Codes					
Project Number:	248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code																	
Project Location:	Eddy Co, NM		Due Date:	24 hr	Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500												None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC				
Sampler's Name:			TAT starts the day received by the lab, if received by 4:30pm																			
PO #:																						
SAMPLE RECEIPT				Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Thermometer ID: #140																Correction Factor: +0.3°C		
Cooler Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A				Temperature Reading: 0.3°C		Corrected Temperature: 0.6°C																
Sample Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A																						
Total Containers: 113																						
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments		
CS-1	4'	2/27/2025		x		Comp	1	x	x	x												
CS-2	4'	2/27/2025		x		Comp	1	x	x	x												
CS-3	4'	2/27/2025		x		Comp	1	x	x	x												
CS-4	4'	2/27/2025		x		Comp	1	x	x	x												
CS-5	4'	2/27/2025		x		Comp	1	x	x	x												
CS-6	4'	2/27/2025		x		Comp	1	x	x	x												
CS-7	4'	2/27/2025		x		Comp	1	x	x	x												
CS-8	4'	2/27/2025		x		Comp	1	x	x	x												
CS-9	4'	2/27/2025		x		Comp	1	x	x	x												
CS-10	4'	2/27/2025		x		Comp	1	x	x	x												

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Tyler Kimball	<i>[Signature]</i>	2-27-25 1355			



Chain of Custody

Work Order No: H25195Page 2 of 12

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Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntgglobal.com

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

Project Name:	FHR 27 State #004		Turn Around		ANALYSIS REQUEST												Preservative Codes						
Project Number:	248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code													None: NO DI Water: H ₂ O					
Project Location:	Eddy Co, NM		Due Date:	24 hr	Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500												Cool: Cool MeOH: Me					
Sampler's Name:			TAT starts the day received by the lab, if received by 4:30pm															HCL: HC HNO ₃ : HN					
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:														Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	H ₃ PO ₄ : HP				
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#140		HOLD													NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	+0.3°C															Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	0.3°C															Zn Acetate+NaOH: Zn					
Total Containers:	113		Corrected Temperature:															0.6°C					
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-11	4'	2/27/2025		x		Comp	1	x	x	x													
CS-12	4'	2/27/2025		x		Comp	1	x	x	x													
CS-13	4'	2/27/2025		x		Comp	1	x	x	x													
CS-14	4'	2/27/2025		x		Comp	1	x	x	x													
CS-15	4'	2/27/2025		x		Comp	1	x	x	x													
CS-16	4'	2/27/2025		x		Comp	1	x	x	x													
CS-17	4'	2/27/2025		x		Comp	1	x	x	x													
CS-18	4'	2/27/2025		x		Comp	1	x	x	x													
CS-19	4'	2/27/2025		x		Comp	1	x	x	x													
CS-20	4'	2/27/2025		x		Comp	1	x	x	x													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Tyler Kimball	<i>Kemara [Signature]</i>	2-27-25/1355			

Chain of Custody

Work Order No: H251195Page 3 of 12

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Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:	FHR 27 State #004		Turn Around		ANALYSIS REQUEST												Preservative Codes					
Project Number:	248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code																	
Project Location:	Eddy Co, NM		Due Date:	24 hr	Parameters																	
Sampler's Name:			TAT starts the day received by the lab, if received by 4:30pm																			
PO #:																						
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#146																			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	+0.38																			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	0.38																			
Total Containers:	113		Corrected Temperature:	0.68																		
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500											HOLD	Sample Comments
CS-21	4'	2/27/2025		x		Comp	1	x	x	x												
CS-22	4'	2/27/2025		x		Comp	1	x	x	x												
CS-23	4'	2/27/2025		x		Comp	1	x	x	x												
CS-24	4'	2/27/2025		x		Comp	1	x	x	x												
CS-25	4'	2/27/2025		x		Comp	1	x	x	x												
CS-26	4'	2/27/2025		x		Comp	1	x	x	x												
CS-27	4'	2/27/2025		x		Comp	1	x	x	x												
CS-28	4'	2/27/2025		x		Comp	1	x	x	x												
CS-29	4'	2/27/2025		x		Comp	1	x	x	x												
CS-30	4'	2/27/2025		x		Comp	1	x	x	x												

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Tyler Kimball	<i>[Signature]</i>	2-27-25 1355			



Chain of Custody

Work Order No: H25195Page 4 of 12

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Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:	FHR 27 State #004		Turn Around		ANALYSIS REQUEST												Preservative Codes						
Project Number:	248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code													None: NO DI Water: H ₂ O					
Project Location:	Eddy Co, NM		Due Date:	24 hr	Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500												Cool: Cool MeOH: Me					
Sampler's Name:			TAT starts the day received by the lab, if received by 4:30pm															HCL: HC HNO ₃ : HN					
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na					
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:														Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	H ₃ PO ₄ : HP				
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#140		Grab/Comp	# of Cont	HOLD												NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	+0.3°C																Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	0.3°C																Zn Acetate+NaOH: Zn				
Total Containers:	113	Corrected Temperature:	0.6°C																NaOH+Ascorbic Acid: SAPC				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-31	4'	2/27/2025		x		Comp	1	x	x	x													
CS-32	4'	2/27/2025		x		Comp	1	x	x	x													
CS-33	4'	2/27/2025		x		Comp	1	x	x	x													
CS-34	4'	2/27/2025		x		Comp	1	x	x	x													
CS-35	4'	2/27/2025		x		Comp	1	x	x	x													
CS-36	4'	2/27/2025		x		Comp	1	x	x	x													
CS-37	4'	2/27/2025		x		Comp	1	x	x	x													
CS-38	4'	2/27/2025		x		Comp	1	x	x	x													
CS-39	4'	2/27/2025		x		Comp	1	x	x	x													
CS-40	4'	2/27/2025		x		Comp	1	x	x	x													

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Tyler Kimball	<i>[Signature]</i>	2-27-25 1358			



Chain of Custody

Work Order No: H251195

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Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

Page <u>5</u> of <u>12</u>			
Work Order Comments			
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>			
State of Project:			
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>			
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:			

Project Name:		FHR 27 State #004		Turn Around		Pres. Code		ANALYSIS REQUEST																Preservative Codes	
Project Number:		248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Due Date:		24 hr		Parameters		BTEX 8021B		TPH 8015M (GRO + DRO + MRO)		Chloride 4500		HOLD		None: NO		DI Water: H ₂ O			
Project Location:		Eddy Co, NM		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool		MeOH: Me																	
Sampler's Name:						HCL: HC		HNO ₃ : HN																	
PO #:						H ₂ SO ₄ : H ₂		NaOH: Na																	
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		#140																			
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		+ 0.3c																			
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		0.3c																			
Total Containers:		113		Corrected Temperature:		0.6c																			
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont											
CS-41		4'		2/27/2025				x				Comp		1		x		x		x					
CS-42		4'		2/27/2025				x				Comp		1		x		x		x					
CS-43		4'		2/27/2025				x				Comp		1		x		x		x					
CS-44		4'		2/27/2025				x				Comp		1		x		x		x					
CS-45		4'		2/27/2025				x				Comp		1		x		x		x					
CS-46		4'		2/27/2025				x				Comp		1		x		x		x					
CS-47		4'		2/27/2025				x				Comp		1		x		x		x					
CS-48		4'		2/27/2025				x				Comp		1		x		x		x					
CS-49		4'		2/27/2025				x				Comp		1		x		x		x					
CS-50		4'		2/27/2025				x				Comp		1		x		x		x					
Additional Comments:																									

Additional Comments:

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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Tyler Kimball		<i>[Signature]</i>		2-27-25 1355			
3							
5							

Chain of Custody

Work Order No: H251195Page 6 of 12

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Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:	FHR 27 State #004		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code													None: NO DI Water: H ₂ O			
Project Location:	Eddy Co, NM		Due Date:	24 hr	Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500												Cool: Cool MeOH: Me			
Sampler's Name:			TAT starts the day received by the lab, if received by 4:30pm															HCL: HC HNO ₃ : HN			
PO #:																		H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT			Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#140															NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	+0.3°C		Na ₂ S ₂ O ₃ : NaSO ₃																
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	0.3°C		Zn Acetate+NaOH: Zn																
Total Containers:	113		Corrected Temperature:	0.6°C		NaOH+Ascorbic Acid: SAPC															
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-51	4'	2/27/2025		x		Comp	1	x	x	x											
CS-52	4'	2/27/2025		x		Comp	1	x	x	x											
CS-53	4'	2/27/2025		x		Comp	1	x	x	x											
CS-54	4'	2/27/2025		x		Comp	1	x	x	x											
CS-55	4'	2/27/2025		x		Comp	1	x	x	x											
CS-56	4'	2/27/2025		x		Comp	1	x	x	x											
CS-57	4'	2/27/2025		x		Comp	1	x	x	x											
CS-58	4'	2/27/2025		x		Comp	1	x	x	x											
CS-59	4'	2/27/2025		x		Comp	1	x	x	x											
CS-60	4'	2/27/2025		x		Comp	1	x	x	x											

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Tyler Kimball	<i>[Signature]</i>	2-27-25 1352			

Chain of Custody

Work Order No: H251195Page 7 of 12

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Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:	FHR 27 State #004		Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number:	248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code											None: NO DI Water: H ₂ O		
Project Location:	Eddy Co, NM		Due Date:	24 hr	Parameters	BTEx 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500										Cool: Cool MeOH: Me		
Sampler's Name:			TAT starts the day received by the lab, if received by 4:30pm													HCL: HC HNO ₃ : HN		
PO #:																H ₂ SO ₄ : H ₂ NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:												Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	#140													NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	70.3		Na ₂ S ₂ O ₃ : NaSO ₃													
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	0.3		Zn Acetate+NaOH: Zn													
Total Containers:	113		Corrected Temperature:	0.6		NaOH+Ascorbic Acid: SAPC												
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
CS-61	4'	2/27/2025		x		Comp	1	x	x	x								
CS-62	4'	2/27/2025		x		Comp	1	x	x	x								
CS-63	4'	2/27/2025		x		Comp	1	x	x	x								
CS-64	4'	2/27/2025		x		Comp	1	x	x	x								
CS-65	4'	2/27/2025		x		Comp	1	x	x	x								
CS-66	4'	2/27/2025		x		Comp	1	x	x	x								
CS-67	4'	2/27/2025		x		Comp	1	x	x	x								
CS-68	4'	2/27/2025		x		Comp	1	x	x	x								
CS-69	4'	2/27/2025		x		Comp	1	x	x	x								
CS-70	4'	2/27/2025		x		Comp	1	x	x	x								

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Tyler Kimball	<i>[Signature]</i>	2-27-25 1:35			

Chain of Custody

Work Order No: H251195Page 9 of 12

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Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:		FHR 27 State #004		Turn Around		ANALYSIS REQUEST																Preservative Codes											
Project Number:		248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code																		None: NO DI Water: H ₂ O									
Project Location		Eddy Co, NM		Due Date:		24 hr																				Cool: Cool MeOH: Me							
Sampler's Name:				TAT starts the day received by the lab, if received by 4:30pm																						HCL: HC HNO ₃ : HN							
PO #:																										H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																				H ₃ PO ₄ : HP							
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		#140																				NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:		+0.3°C																				Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		0.3°C																				Zn Acetate+NaOH: Zn							
Total Containers:		113		Corrected Temperature:		0.6°C																				NaOH+Ascorbic Acid: SAPC							
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-81		4'		2/27/2025				x				Comp		1		x x x																	
CS-82		4'		2/27/2025				x				Comp		1		x x x																	
CS-83		4'		2/27/2025				x				Comp		1		x x x																	
CS-84		4'		2/27/2025				x				Comp		1		x x x																	
CS-85		4'		2/27/2025				x				Comp		1		x x x																	
CS-86		4'		2/27/2025				x				Comp		1		x x x																	
CS-87		4'		2/27/2025				x				Comp		1		x x x																	
CS-88		4'		2/27/2025				x				Comp		1		x x x																	
CS-89		4'		2/27/2025				x				Comp		1		x x x																	
CS-90		4'		2/27/2025				x				Comp		1		x x x																	

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	<i>[Signature]</i>	2-27-25 1355			
3			4		
5			6		



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

February 28, 2025

KELLAN SMITH

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: FHR 27 STATE #004

Enclosed are the results of analyses for samples received by the laboratory on 02/27/25 13:55.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 91 4' (H251196-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2025	ND	1.82	91.0	2.00	1.17	
Toluene*	<0.050	0.050	02/27/2025	ND	1.90	94.9	2.00	2.30	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.96	97.9	2.00	3.97	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.05	101	6.00	3.89	
Total BTEX	<0.300	0.300	02/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6000	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 106 % 63.9-155

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 92 4' (H251196-02)

BTX 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	02/27/2025	ND	1.82	91.0	2.00	1.17	
Toluene*	<0.050	0.050	02/27/2025	ND	1.90	94.9	2.00	2.30	
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.96	97.9	2.00	3.97	
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.05	101	6.00	3.89	
Total BTX	<0.300	0.300	02/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5680	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 88.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 98.1 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 93 4' (H251196-03)

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	02/27/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/27/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.05	101	6.00	3.89		
Total BTEX	<0.300	0.300	02/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/28/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 98.5 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 94 4' (H251196-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/27/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.05	101	6.00	3.89		
Total BTEX	<0.300	0.300	02/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 109 % 71.8-148

Surrogate: 1-Chlorooctadecane 123 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 95 4' (H251196-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/27/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/27/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/27/2025	ND	6.05	101	6.00	3.89		
Total BTEX	<0.300	0.300	02/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	02/28/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 126 % 71.8-148

Surrogate: 1-Chlorooctadecane 140 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 96 4' (H251196-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1360	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 120 % 71.8-148

Surrogate: 1-Chlorooctadecane 135 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 97 4' (H251196-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 112 % 71.8-148

Surrogate: 1-Chlorooctadecane 125 % 63.9-155

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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: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 98 4' (H251196-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 99.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 110 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 1 0-4' (H251196-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTEX	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 78.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 86.5 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 2 0-4' (H251196-10)

BTX 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	02/28/2025	ND	1.82	91.0	2.00	1.17	
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89	
Total BTX	<0.300	0.300	02/28/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 108 % 71.8-148

Surrogate: 1-Chlorooctadecane 119 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 0-4' (H251196-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTEx	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 102 % 71.8-148

Surrogate: 1-Chlorooctadecane 115 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 4 0-4' (H251196-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 91.3 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 5 0-4' (H251196-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTEx	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 107 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 6 0-4' (H251196-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTEx	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 99.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 112 % 63.9-155

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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: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 7 0-4' (H251196-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTEX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 111 % 63.9-155

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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: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 8 0-4' (H251196-16)

BTX 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	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTX	<0.300	0.300	02/28/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/28/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 97.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 111 % 63.9-155

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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: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 9 0-4' (H251196-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17	
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89	
Total BTEX	<0.300	0.300	02/28/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	02/28/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 104 % 71.8-148

Surrogate: 1-Chlorooctadecane 116 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 10 0-4' (H251196-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.82	91.0	2.00	1.17		
Toluene*	<0.050	0.050	02/28/2025	ND	1.90	94.9	2.00	2.30		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	1.96	97.9	2.00	3.97		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.05	101	6.00	3.89		
Total BTEx	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/28/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 97.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 112 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 11 0-4' (H251196-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2025	ND	1.84	91.9	2.00	7.89	
Toluene*	<0.050	0.050	02/28/2025	ND	2.05	102	2.00	7.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.09	104	2.00	3.77	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.24	104	6.00	3.63	
Total BTEx	<0.300	0.300	02/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/28/2025	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	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 113 % 71.8-148

Surrogate: 1-Chlorooctadecane 128 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 12 0-4' (H251196-20)

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	02/28/2025	ND	1.84	91.9	2.00	7.89	
Toluene*	<0.050	0.050	02/28/2025	ND	2.05	102	2.00	7.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.09	104	2.00	3.77	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.24	104	6.00	3.63	
Total BTEx	<0.300	0.300	02/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	02/28/2025	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	02/28/2025	ND	188	94.1	200	5.87	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	193	96.6	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 113 % 71.8-148

Surrogate: 1-Chlorooctadecane 126 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 13 0-4' (H251196-21)

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	02/28/2025	ND	1.84	91.9	2.00	7.89	
Toluene*	<0.050	0.050	02/28/2025	ND	2.05	102	2.00	7.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.09	104	2.00	3.77	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.24	104	6.00	3.63	
Total BTEx	<0.300	0.300	02/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 95.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 100 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 14 0-4' (H251196-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2025	ND	1.84	91.9	2.00	7.89		
Toluene*	<0.050	0.050	02/28/2025	ND	2.05	102	2.00	7.04		
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.09	104	2.00	3.77		
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.24	104	6.00	3.63		
Total BTEx	<0.300	0.300	02/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 100 % 71.8-148

Surrogate: 1-Chlorooctadecane 103 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/27/2025
 Reported: 02/28/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 02/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 15 0-4' (H251196-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2025	ND	1.84	91.9	2.00	7.89	
Toluene*	<0.050	0.050	02/28/2025	ND	2.05	102	2.00	7.04	
Ethylbenzene*	<0.050	0.050	02/28/2025	ND	2.09	104	2.00	3.77	
Total Xylenes*	<0.150	0.150	02/28/2025	ND	6.24	104	6.00	3.63	
Total BTEx	<0.300	0.300	02/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	02/28/2025	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	02/28/2025	ND	219	110	200	0.813	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	219	109	200	0.220	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 109 % 71.8-148

Surrogate: 1-Chlorooctadecane 113 % 63.9-155

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H251194

Page 12 of 12

Page 28 of 28

Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntgglobal.com

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

[illegible]

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	<i>[Signature]</i>	2-27-25 1353			
3			4		
5			6		



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

March 07, 2025

KELLAN SMITH

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: FHR 27 STATE #004

Enclosed are the results of analyses for samples received by the laboratory on 03/07/25 13:50.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For 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: 03/07/2025
 Reported: 03/07/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 03/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3A 0-4' (H251366-01)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.93	96.5	2.00	0.603	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	0.428	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.06	103	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.21	103	6.00	1.32	
Total BTEX	<0.300	0.300	03/07/2025	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	03/07/2025	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	03/07/2025	ND	212	106	200	1.54	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	205	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					

Surrogate: 1-Chlorooctane 93.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.7 % 40.6-153

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*=Accredited Analyte

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Mike Snyder For 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: 03/07/2025
 Reported: 03/07/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 03/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 12A 0-4' (H251366-02)

BTEx 8021B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2025	ND	1.93	96.5	2.00	0.603		
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	0.428		
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.06	103	2.00	1.18		
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.21	103	6.00	1.32		
Total BTEx	<0.300	0.300	03/07/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	03/07/2025	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	03/07/2025	ND	212	106	200	1.54	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	205	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					

Surrogate: 1-Chlorooctane 112 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/07/2025
 Reported: 03/07/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 03/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 16 0-4' (H251366-03)

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	03/07/2025	ND	1.93	96.5	2.00	0.603		
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	0.428		
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.06	103	2.00	1.18		
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.21	103	6.00	1.32		
Total BTEx	<0.300	0.300	03/07/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/07/2025	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	03/07/2025	ND	212	106	200	1.54	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	205	102	200	1.92	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/07/2025
 Reported: 03/07/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 03/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 17 0-4' (H251366-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.93	96.5	2.00	0.603	
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	0.428	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.06	103	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.21	103	6.00	1.32	
Total BTEX	<0.300	0.300	03/07/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/07/2025	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	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					

Surrogate: 1-Chlorooctane 108 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/07/2025
 Reported: 03/07/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 03/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 99 4' (H251366-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2025	ND	1.93	96.5	2.00	0.603		
Toluene*	<0.050	0.050	03/07/2025	ND	2.03	102	2.00	0.428		
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.06	103	2.00	1.18		
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.21	103	6.00	1.32		
Total BTEX	<0.300	0.300	03/07/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6130	16.0	03/07/2025	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	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					

Surrogate: 1-Chlorooctane 114 % 44.4-145

Surrogate: 1-Chlorooctadecane 115 % 40.6-153

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/07/2025
 Reported: 03/07/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 03/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 100 4' (H251366-06)

BTX 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	03/07/2025	ND	1.71	85.7	2.00	5.70		
Toluene*	<0.050	0.050	03/07/2025	ND	2.08	104	2.00	4.12		
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.12	106	2.00	3.00		
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.73	112	6.00	3.16		
Total BTX	<0.300	0.300	03/07/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5600	16.0	03/07/2025	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	03/07/2025	ND	198	99.0	200	4.57	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	194	97.1	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					

Surrogate: 1-Chlorooctane 118 % 44.4-145

Surrogate: 1-Chlorooctadecane 121 % 40.6-153

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/07/2025
 Reported: 03/07/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 03/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 101 4' (H251366-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/07/2025	ND	1.71	85.7	2.00	5.70	
Toluene*	<0.050	0.050	03/07/2025	ND	2.08	104	2.00	4.12	
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.12	106	2.00	3.00	
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.73	112	6.00	3.16	
Total BTEX	<0.300	0.300	03/07/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6080	16.0	03/07/2025	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	03/07/2025	ND	216	108	200	6.58	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	200	100	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					

Surrogate: 1-Chlorooctane 116 % 44.4-145

Surrogate: 1-Chlorooctadecane 114 % 40.6-153

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Mike Snyder For 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: 03/07/2025
 Reported: 03/07/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 03/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 102 4' (H251366-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2025	ND	1.71	85.7	2.00	5.70		
Toluene*	<0.050	0.050	03/07/2025	ND	2.08	104	2.00	4.12		
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.12	106	2.00	3.00		
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.73	112	6.00	3.16		
Total BTEX	<0.300	0.300	03/07/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5760	16.0	03/07/2025	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	03/07/2025	ND	216	108	200	6.58	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	200	100	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					

Surrogate: 1-Chlorooctane 116 % 44.4-145

Surrogate: 1-Chlorooctadecane 116 % 40.6-153

Cardinal Laboratories

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Mike Snyder For 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: 03/07/2025
 Reported: 03/07/2025
 Project Name: FHR 27 STATE #004
 Project Number: 248971
 Project Location: EDDY CO., NM

Sampling Date: 03/07/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 103 4' (H251366-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/07/2025	ND	1.71	85.7	2.00	5.70		
Toluene*	<0.050	0.050	03/07/2025	ND	2.08	104	2.00	4.12		
Ethylbenzene*	<0.050	0.050	03/07/2025	ND	2.12	106	2.00	3.00		
Total Xylenes*	<0.150	0.150	03/07/2025	ND	6.73	112	6.00	3.16		
Total BTEX	<0.300	0.300	03/07/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5440	16.0	03/07/2025	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	03/07/2025	ND	216	108	200	6.58	
DRO >C10-C28*	<10.0	10.0	03/07/2025	ND	200	100	200	6.81	
EXT DRO >C28-C36	<10.0	10.0	03/07/2025	ND					

Surrogate: 1-Chlorooctane 114 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H2S1366Page 1 of 1

Page 12 of 12

Project Manager:	Kellan Smith	Bill to: (if different)	
Company Name:	NTG Environmental	Company Name:	
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com

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

Project Name:		FHR 27 State #004		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		248971		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H ₂ O			
Project Location:		Eddy Co, NM		Due Date:		Same Day														Cool: Cool MeOH: Me			
Sampler's Name:		Clayton Tumas		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO ₃ : HN			
PO #:																				H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>														H ₃ PO ₄ : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140														NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:		+0.3														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		1.8														Zn Acetate+NaOH: Zn			
Total Containers:		9		Corrected Temperature:		2.1														NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
SW-3A	0-4'	3/7/2025		x		Comp	1	x	x	x											1		
SW-12A	0-4'	3/7/2025		x		Comp	1	x	x	x											2		
SW-16	0-4'	3/7/2025		x		Comp	1	x	x	x											3		
SW-17	0-4'	3/7/2025		x		Comp	1	x	x	x											4		
CS-99	4'	3/7/2025		x		Comp	1	x	x	x											5		
CS-100	4'	3/7/2025		x		Comp	1	x	x	x											6		
CS-101	4'	3/7/2025		x		Comp	1	x	x	x											7		
CS-102	4'	3/7/2025		x		Comp	1	x	x	x											8		
CS-103	4'	3/7/2025		x		Comp	1	x	x	x											9		

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	2	3-7-25 1350			
3					
5					

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 449353

QUESTIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 449353
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1635538475
Incident Name	NAB1635538475 FOREHAND RANCH 27 STATE #004 @ 30-015-42309
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-42309] FOREHAND RANCH 27 STATE #004

Location of Release Source

Please answer all the questions in this group.

Site Name	FOREHAND RANCH 27 STATE #004
Date Release Discovered	05/02/2016
Surface Owner	State

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Produced Water Released: 979 BBL Recovered: 0 BBL Lost: 979 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 449353

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 449353
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 04/07/2025
--	---

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QUESTIONS, Page 3

Action 449353

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID:
	249099
	Action Number:
	449353
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>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.</i>	
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 and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	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	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	6080
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	03/03/2025
On what date will (or did) the final sampling or liner inspection occur	03/07/2025
On what date will (or was) the remediation complete(d)	03/21/2025
What is the estimated surface area (in square feet) that will be reclaimed	20492
What is the estimated volume (in cubic yards) that will be reclaimed	3036
What is the estimated surface area (in square feet) that will be remediated	20492
What is the estimated volume (in cubic yards) that will be remediated	3036
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 449353

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID:	249099
	Action Number:	449353
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 04/07/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 449353

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 449353
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 449353

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 449353
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	439530
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/07/2025
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	400

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	20492
What was the total volume (cubic yards) remediated	3036
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	20492
What was the total volume (in cubic yards) reclaimed	3036
Summarize any additional remediation activities not included by answers (above)	n/a
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Kelly Arrendondo Title: Production Reporting Manager Email: karredondo@ntglobal.com Date: 04/07/2025

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QUESTIONS, Page 7

Action 449353

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 449353
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 449353

CONDITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 449353
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	6/24/2025