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May 5, 2025

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

**Re: Incident Closure Report
BTA Oil Producers
Maddox Federal B 8016 JV-P #002
Unit E, Section 35, Township 22S, Range 34E
Site Coordinates: 32.342252, -103.44326
Lea County, New Mexico
Incident ID: nJXK1617631317**

Introduction

NTG Environmental, LLC (NTGE), on behalf of BTA Oil Producers (BTA), 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 Maddox Federal B 8016 JV-P #002 (Site). The Site is in Unit Letter E, Section 35, of Township 22 South and Range 34 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.342252° N Latitude and -103.44326° 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 BTA and obtained by the New Mexico Oil Conservation District (NMOCD), the release was discovered on August 5, 2024. The release was the result of lightning striking a tank, resulting in the release of 235 barrels (bbls) of crude oil, of which zero (0) bbls were recovered. Upon discovery the well was shut-in, and the area was secure. The release area is shown in Figure 3.

Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½-mile radius of the Site. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or

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distance from the Site. According to the Karst Potential Map, the Site is located within a Low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) 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)
Low Karst	Unknown

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+MRO)	BTEX	Benzene
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Site Assessment Activities

On January 23, 2025, NTGE conducted site assessment activities to determine the extent of the release impacts. A total of seven (7) vertical sample points (i.e., V-1 through V-7) were installed at depths ranging from zero to five and a half foot (0-5.5) below ground surface (ft bgs). As well as seven (7) horizontal sample points were installed at depths ranging from zero to half a foot (0-0.5) 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 geotechnical hand auger and submitted to an accredited laboratory for chemical analysis. All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylene (BTEX) (by EPA Method 8021B), total petroleum hydrocarbon (TPH) (by EPA method 8015 modified), and chloride (by EPA 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 of all samples were below the NMOCD regulatory limits for all analytes.

Confirmation Sampling

Based on the site assessment activities, BTA proceeded with confirmation sampling of the surface. The confirmation samples were collected in accordance with the one sample per 200 square feet (sq ft) guideline established in the NMOCD regulatory criteria.

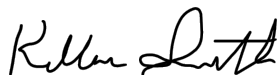
On February 27, 2025, a total of seventy (70) confirmation samples (i.e., CS-1 – CS-70) were collected from the surface. Analytical results indicated all confirmation samples exhibited concentrations below the NMOCD regulatory limits for all analytes.

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, and no further actions are required at the Site. BTA formally requests closure for the Site (nJXK1617631317). 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
Maddox Federal B 8016 JV-P #002
BTA Oil Producers
Lea 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)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			Table I Closure Criteria for Soil ≤50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Vertical Delineation Samples													
V-1	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	01/23/25	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
01/23/25	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
V-2	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	01/23/25	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
01/23/25	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
V-3	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
01/23/25	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
V-4	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
01/23/25	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
V-5	01/23/25	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
	01/23/25	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
01/23/25	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
V-6	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
01/23/25	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	

Table 1
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Maddox Federal B 8016 JV-P #002
BTA Oil Producers
Lea 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 ≤50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
V-7	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	01/23/25	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	01/23/25	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
Horizontal Delineation Samples													
H-1	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-2	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
H-3	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-4	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-5	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-6	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
H-7	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16

Notes:

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

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

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

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

9. --- Not Analyzed

SP-1 Sample Point Excavated

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Maddox Federal B 8016 JV-P #002
BTA Oil Producers
Lea 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	---	---	---	---	100 mg/kg	600 mg/kg
Confirmation Samples													
CS-1	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-2	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-3	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-4	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-5	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-6	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-7	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-8	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-9	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-10	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-11	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-12	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-13	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-14	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-15	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-16	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-17	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-18	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-19	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-20	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-21	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-22	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-23	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-24	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-25	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-26	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-27	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-28	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-29	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-30	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-31	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-32	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-33	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-34	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-35	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-36	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-37	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-38	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-39	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-40	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-41	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-42	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-43	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Maddox Federal B 8016 JV-P #002
BTA Oil Producers
Lea 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)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-44	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-45	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-46	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-47	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-48	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-49	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-50	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-51	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-52	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-53	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-54	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-55	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-56	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-57	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-58	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-59	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-60	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-61	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-62	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-63	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-64	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-65	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-66	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-67	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-68	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-69	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-70	2/27/2025	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Notes:

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

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

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

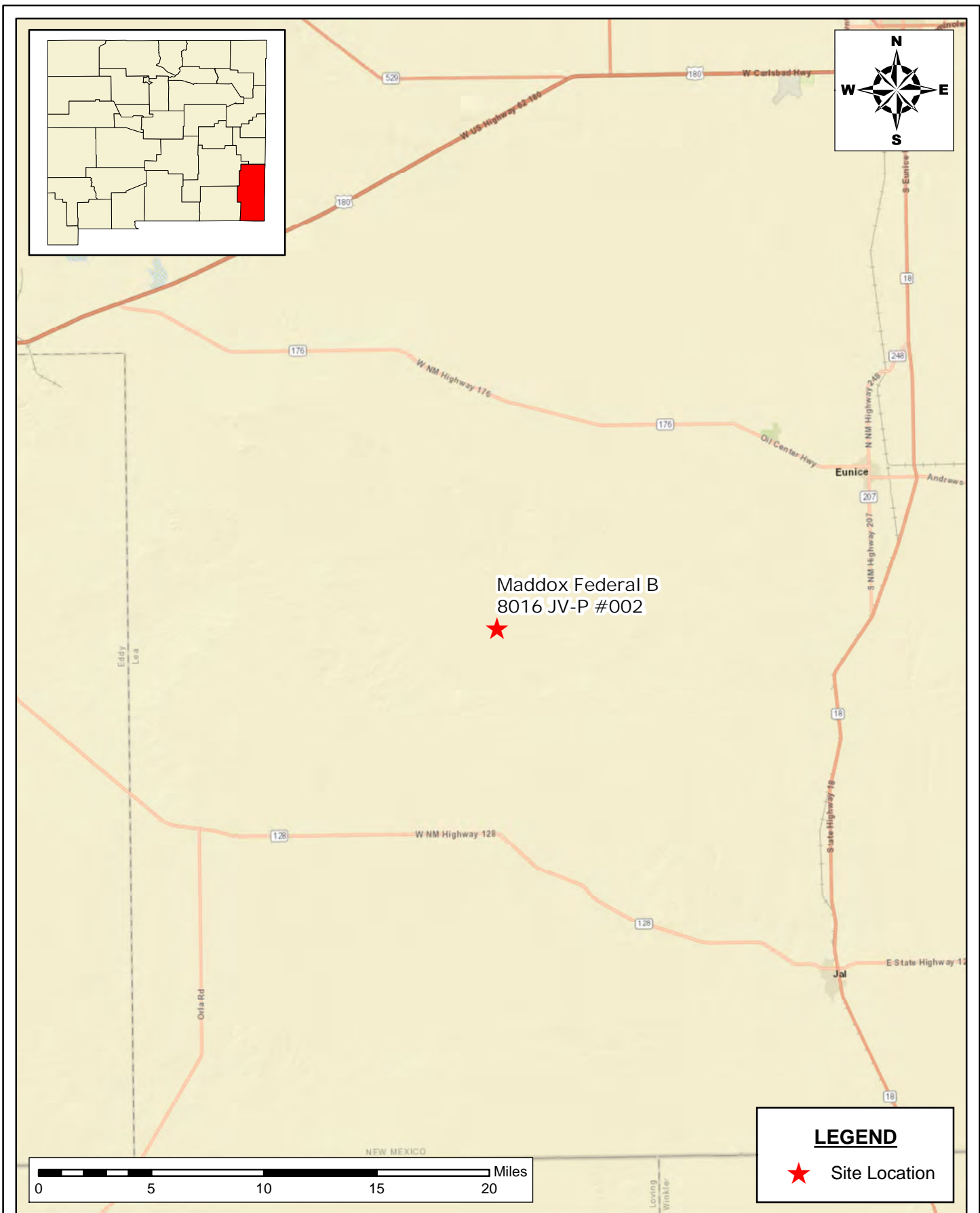
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

SP-1 Sample Point Excavated

Figures

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\BTA\SC249315 - MADDOX FEDERAL B 8016 JV-P #002\7- Figures\GIS\Figure_1_SL.mxd



**SITE LOCATION MAP
INCIDENT CLOSURE REPORT**
BTA OIL PRODUCERS, LLC
MADDOX FEDERAL B 8016 JV-P #002
LEA COUNTY, NEW MEXICO
32.342252, -103.44326

SCALE: As Shown

Date: 2/6/2025

PROJECT #: 249315



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

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

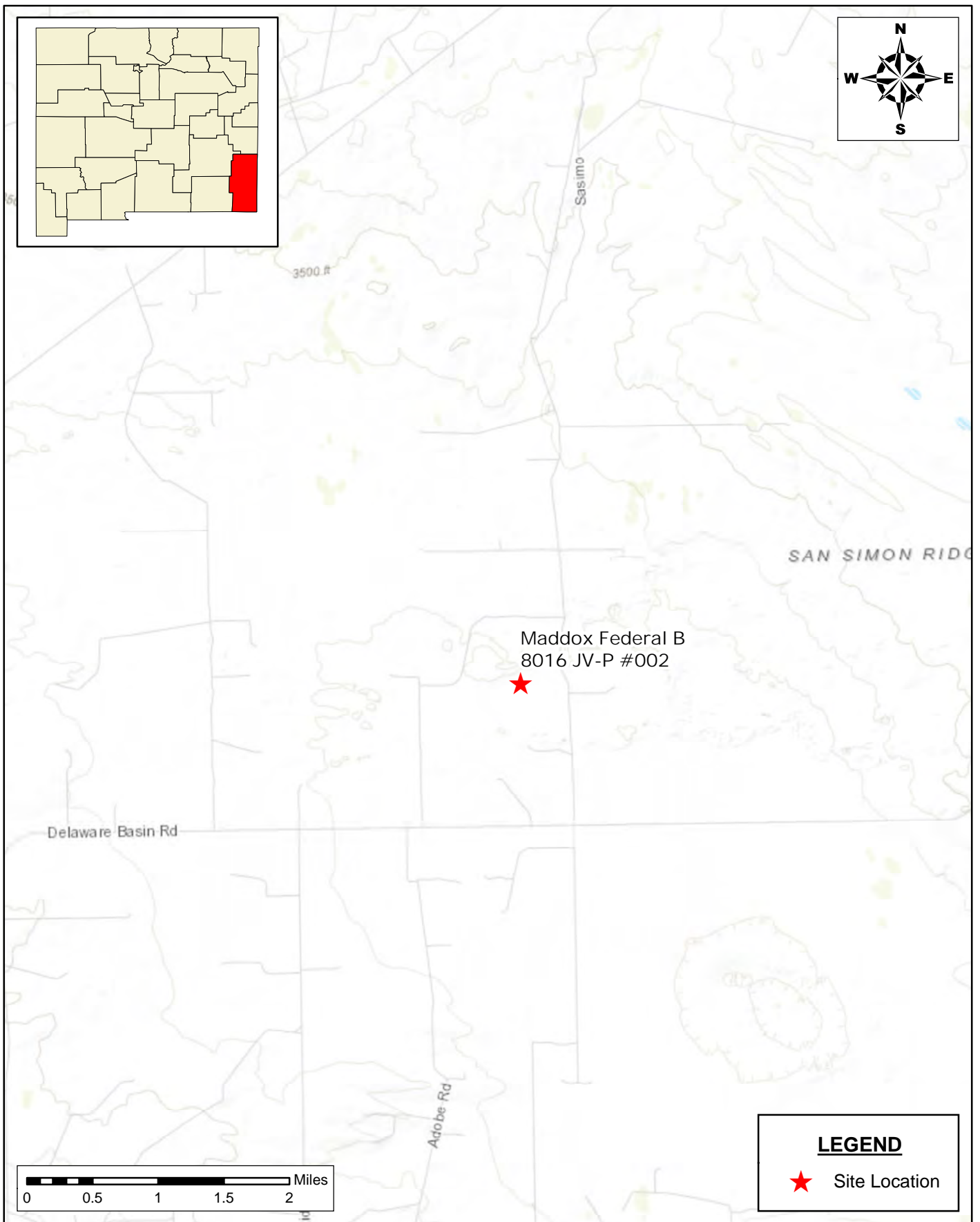
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FIGURE 1

SHEET NUMBER:

1 of 1

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**TOPOGRAPHIC MAP
INCIDENT CLOSURE REPORT**
BTA OIL PRODUCERS, LLC
MADDOX FEDERAL B 8016 JV-P #002
LEA COUNTY, NEW MEXICO
32.342252, -103.44326

SCALE: As Shown	Date: 2/6/2025	PROJECT #: 249315
-----------------	----------------	-------------------


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

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

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\BTA\SC249315 - MADDOX FEDERAL B 8016 JV-P #002\7- Figures\GIS\Figure_3_1A.mxd



DELINEATION SAMPLE MAP INCIDENT CLOSURE REPORT BTA OIL PRODUCERS, LLC MADDOX FEDERAL B 8016 JV-P #002 LEA COUNTY, NEW MEXICO 32.342252, -103.44326		
SCALE: As Shown	Date: 2/6/2025	PROJECT #: 249315

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

NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983
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DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1

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**CONFIRMATION SAMPLE MAP
INCIDENT CLOSURE REPORT**
BTA OIL PRODUCERS, LLC
MADDOX FEDERAL B 8016 JV-P #002
LEA COUNTY, NEW MEXICO
32.342252, -103.44326

SCALE: As Shown Date: 2/6/2025 PROJECT #: 249315



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

NOTES:

- 1. Base Image: ESRI Maps & Data 2013
- 2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:




1 of 1

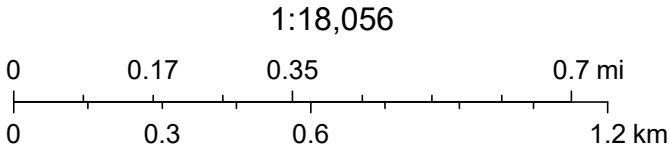
Site Characterization Information

OCD Oil and Gas Map

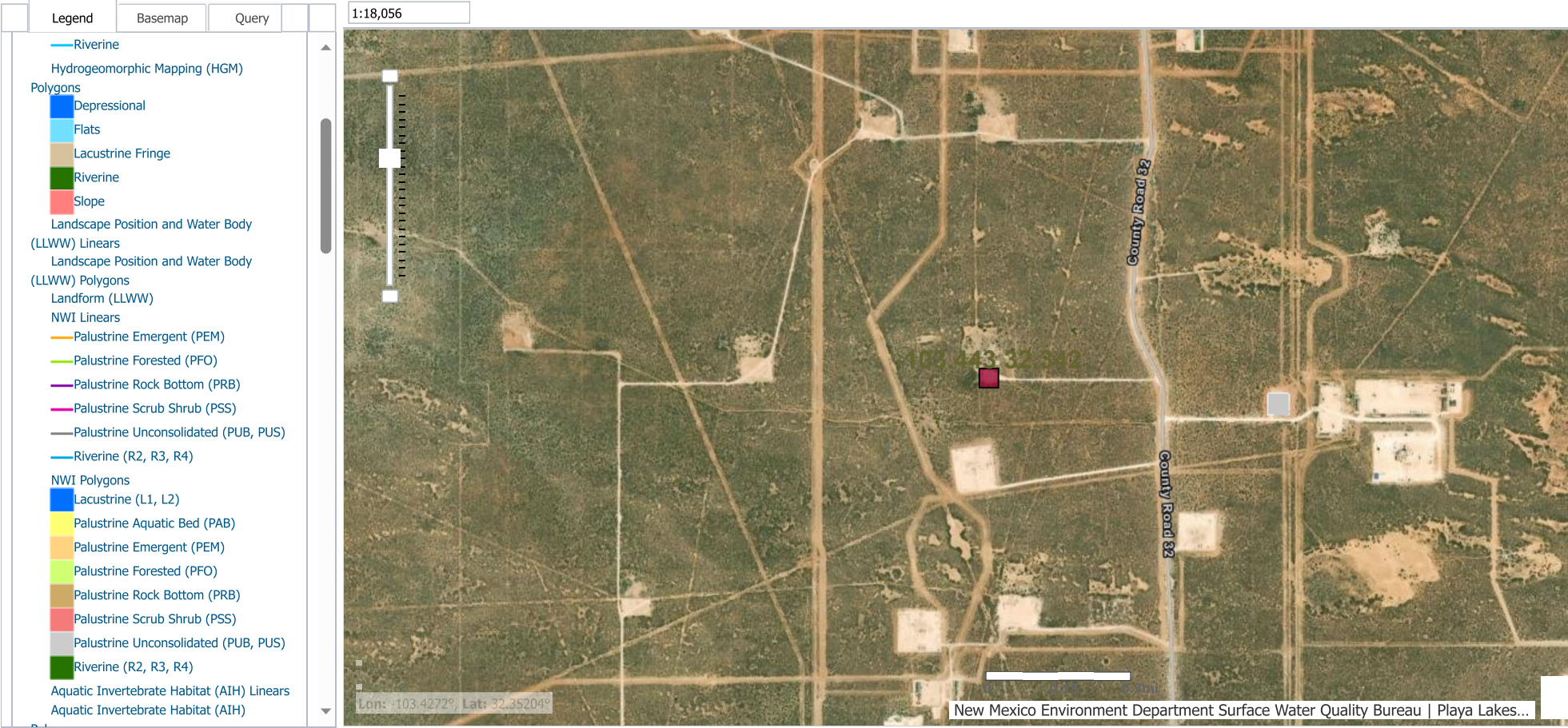


2/6/2025, 4:13:27 PM

-  Override 1
-  OSE Water PODs
- Karst Occurrence Potential
 -  Low



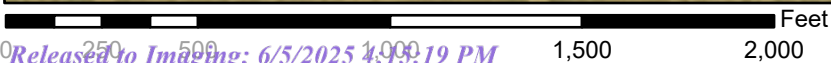
BLM, OCD, New Mexico Tech, USGS, Esri, HERE, Garmin, IPC, Maxar, NM OSE



National Flood Hazard Layer FIRMette



103°26'55"W 32°20'48"N



1:6,000

103°26'17"W 32°20'17"N

Legend

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

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

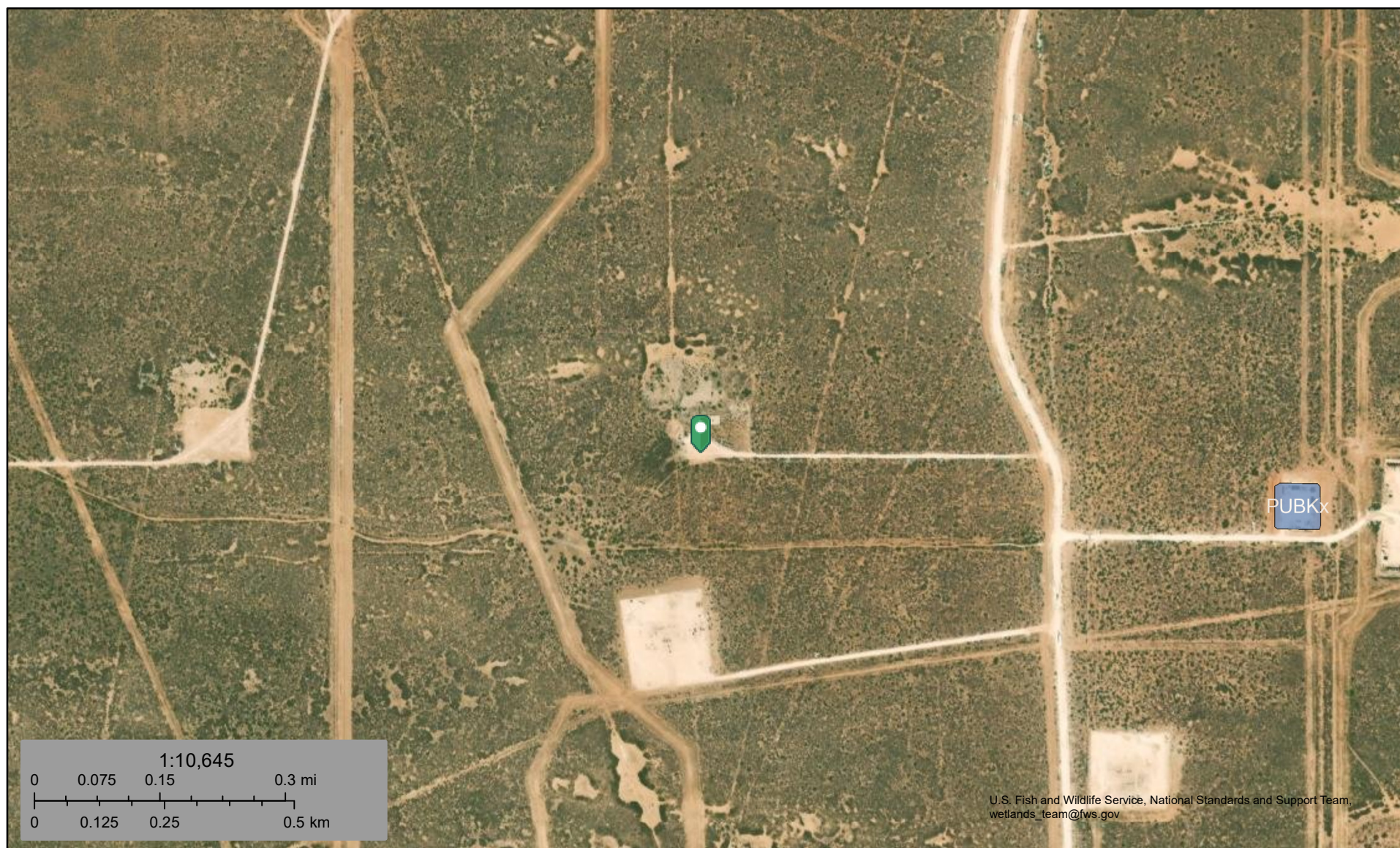
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/6/2025 at 10:25 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.



Maddox Federal B 8016 JV-P #002



February 6, 2025

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.

Photographic Log

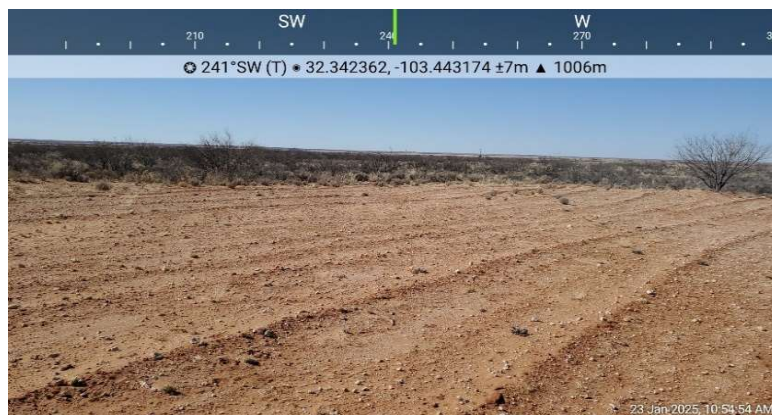
PHOTOGRAPHIC LOG
BTA Oil Producers
Maddox Federal B 8016 JV-P #002

Photograph No. 1

Facility: Maddox Federal B 8016 JV-P
#002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities

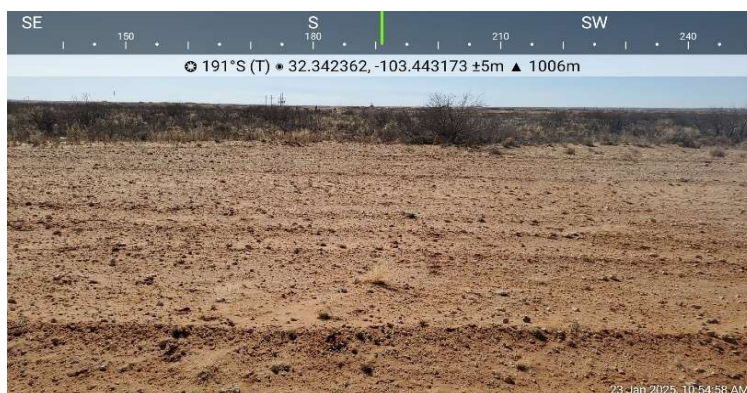


Photograph No. 2

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities



Photograph No. 3

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities



PHOTOGRAPHIC LOG
BTA Oil Producers
Maddox Federal B 8016 JV-P #002

Photograph No. 4

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities



Photograph No. 5

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities

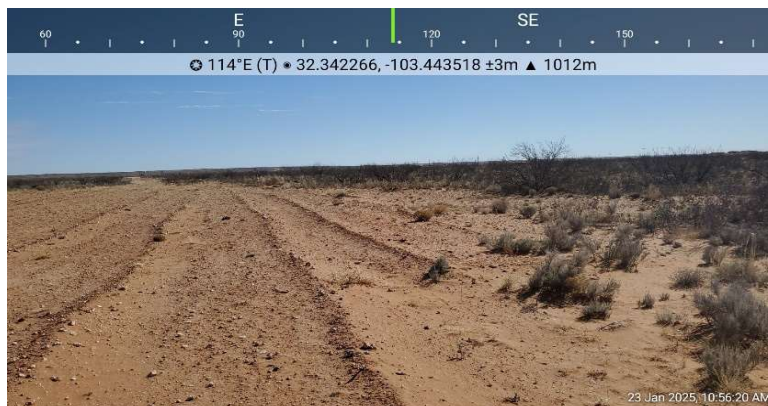


Photograph No. 6

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities



PHOTOGRAPHIC LOG
BTA Oil Producers
Maddox Federal B 8016 JV-P #002

Photograph No. 7

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
Confirmation Sampling

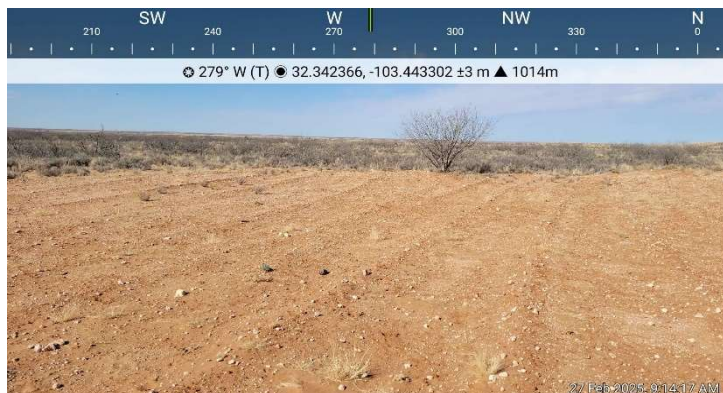


Photograph No. 8

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
Confirmation Sampling



Photograph No. 9

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
Confirmation Sampling



Laboratory Reports and Chain-of-Custody



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

January 29, 2025

KELLAN SMITH

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MADDOX FEDERAL B 8016 JV-P #002

Enclosed are the results of analyses for samples received by the laboratory on 01/23/25 14:05.

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:	01/23/2025	Sampling Date:	01/23/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Tamara Oldaker
Project Location:	BTA LEA COUNTY, NM		

Sample ID: V - 1 0-6" (H250420-01)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTEX	<0.300	0.300	01/24/2025	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	16.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 1-1.5' (H250420-02)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTEX	<0.300	0.300	01/24/2025	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	32.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 2-2.5' (H250420-03)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 3-3.5' (H250420-04)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 1 4-4.5' (H250420-05)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTEX	<0.300	0.300	01/24/2025	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	32.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 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:	01/23/2025	Sampling Date:	01/23/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Tamara Oldaker
Project Location:	BTA LEA COUNTY, NM		

Sample ID: V - 1 5-5.5' (H250420-06)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 105 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 0-6" (H250420-07)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTEX	<0.300	0.300	01/24/2025	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	32.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 1-1.5' (H250420-08)

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	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEx	<0.300	0.300	01/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 98.8 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 2-2.5' (H250420-09)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 3-3.5' (H250420-10)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 2 4-4.5' (H250420-11)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTEx	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 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:	01/23/2025	Sampling Date:	01/23/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Tamara Oldaker
Project Location:	BTA LEA COUNTY, NM		

Sample ID: V - 2 5-5.5' (H250420-12)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTEX	<0.300	0.300	01/24/2025	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	32.0	16.0	01/28/2025	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	01/25/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/25/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/25/2025	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 0-6" (H250420-13)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 1-1.5' (H250420-14)

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	01/24/2025	ND	2.08	104	2.00	2.76		
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13		
Total BTEx	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 103 % 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:	01/23/2025	Sampling Date:	01/23/2025
Reported:	01/29/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Tamara Oldaker
Project Location:	BTA LEA COUNTY, NM		

Sample ID: V - 3 2-2.5' (H250420-15)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 3-3.5' (H250420-16)

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	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	16.0	16.0	01/28/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 103 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 4-4.5' (H250420-17)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 3 5-5.5' (H250420-18)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	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	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 0-6" (H250420-19)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 1-1.5' (H250420-20)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 98.0 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 2-2.5' (H250420-21)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	<16.0	16.0	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 3-3.5' (H250420-22)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	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	<16.0	16.0	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 106 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 4-4.5' (H250420-23)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEx	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	<16.0	16.0	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 99.6 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 4 5-5.5' (H250420-24)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	<16.0	16.0	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 104 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 5 0-6" (H250420-25)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	<16.0	16.0	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 100 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 5 1-1.5' (H250420-26)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEx	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	<16.0	16.0	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 5 2-2.5' (H250420-27)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 5 3-3.5' (H250420-28)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 5 4-4.5' (H250420-29)

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	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	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	<16.0	16.0	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 101 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 5 5-5.5' (H250420-30)

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	01/25/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/25/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/25/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/25/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 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	01/27/2025	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	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 6 0-6" (H250420-31)

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	01/25/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/25/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/25/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/25/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	01/27/2025	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	01/25/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/25/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/25/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 6 1-1.5' (H250420-32)

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	01/25/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/25/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/25/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/25/2025	ND	5.63	93.9	6.00	1.32		
Total BTEx	<0.300	0.300	01/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	<16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 6 2-2.5' (H250420-33)

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	01/25/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/25/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/25/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/25/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/25/2025	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	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 6 3-3.5' (H250420-34)

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	01/25/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/25/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/25/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/25/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	<16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 6 4-4.5' (H250420-35)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.0 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 6 5-5.5' (H250420-36)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 7 0-6" (H250420-37)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	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	16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 7 1-1.5' (H250420-38)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEx	<0.300	0.300	01/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	32.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 85.9 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 7 2-2.5' (H250420-39)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEx	<0.300	0.300	01/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 7 3-3.5' (H250420-40)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 7 4-4.5' (H250420-41)

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	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	32.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: V - 7 5-5.5' (H250420-42)

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	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTX	<0.300	0.300	01/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 1 0-6" (H250420-43)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 2 0-6" (H250420-44)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	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	32.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 3 0-6" (H250420-45)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	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	16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 4 0-6" (H250420-46)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 5 0-6" (H250420-47)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	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	16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 6 0-6" (H250420-48)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	32.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 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: 01/23/2025
 Reported: 01/29/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

Sampling Date: 01/23/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 7 0-6" (H250420-49)

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	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEx	<0.300	0.300	01/27/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	16.0	16.0	01/27/2025	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	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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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 "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H250420

Project Manager:	Kellan Smith	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil Producers
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com
Project Name:	Maddox Federal B 8016 JVP #002	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	249315	Due Date:	
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:			

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:	

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST											
								Parameters	Pres. Code	BTEX (8021B)	TPH (8015M)	CHLORIDE 4500CL-B							
V-1	0-6"	1/23/2025		X		Grab	1	X	X	X	X								
V-1	1-1.5	1/23/2025		X		Grab	1	X	X	X	X								
V-1	2-2.5	1/23/2025		X		Grab	1	X	X	X	X								
V-1	3-3.5	1/23/2025		X		Grab	1	X	X	X	X								
V-1	4-4.5	1/23/2025		X		Grab	1	X	X	X	X								
V-1	5-5.5	1/23/2025		X		Grab	1	X	X	X	X								
V-2	0-6"	1/23/2025		X		Grab	1	X	X	X	X								
V-2	1-1.5	1/23/2025		X		Grab	1	X	X	X	X								
V-2	2-2.5	1/23/2025		X		Grab	1	X	X	X	X								
V-2	3-3.5	1/23/2025		X		Grab	1	X	X	X	X								

Additional Comments: NMOCID ID: nJXK1617631317

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
Kenny Han	<i>[Signature]</i>	1-23-25 1408			
		4			
		6			



Chain of Custody

Work Order No: 4250420

Page 53 of 56

Project Manager: Kellan Smith		Bill to: (if different) Ray Ramos	
Company Name: NTG Environmental		Company Name: BTA Oil Producers	
Address: 13212 N MacArthur Blvd		Address:	
City, State ZIP: Oklahoma City, OK 73142		City, State ZIP:	
Phone: (580) 682-1889		Email: ksmith@ntglobal.com	
Project Name: Maddox Federal B 8016 JV-P #002		Turn Around	
Project Number: 249315		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	
Project Location: Lea County, NM		Due Date:	
Sampler's Name: Kenny Han		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"/>	
Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID: #140	
Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor: -0.6°C	
Total Containers: 49		Temperature Reading: 8.1°C	
		Corrected Temperature: 8.5°C	
Sample Identification		Depth (ft bgs)	
Date		Time	
Soil		Water	
Grab/Comp		# of Cont	
Parameters		BTEX (8021B)	
TPH (8015M)		CHLORIDE 4500CL-B	
ANALYSIS REQUEST		PRESERVATIVE CODES	
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			



Chain of Custody

Work Order No: H250420

Project Manager:	Kellan Smith	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil Producers
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com
Project Name:	Maddox Federal B 8016 JV-P #002	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	249315	Due Date:	
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:			

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:	

ANALYSIS REQUEST										Preservative Codes	
Parameters											
BTX (8021B)										None: NO	DI Water: H ₂ O
TPH (8015M)										Cool: Cool	MeOH: Me
CHLORIDE 4500CL-B										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	
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont				
V-4	2-2.5	1/23/2025		X		Grab	1	X	X	X	
V-4	3-3.5	1/23/2025		X		Grab	1	X	X	X	
V-4	4-4.5	1/23/2025		X		Grab	1	X	X	X	
V-4	5-5.5	1/23/2025		X		Grab	1	X	X	X	
V-5	0-6"	1/23/2025		X		Grab	1	X	X	X	
V-5	1-1.5	1/23/2025		X		Grab	1	X	X	X	
V-5	2-2.5	1/23/2025		X		Grab	1	X	X	X	
V-5	3-3.5	1/23/2025		X		Grab	1	X	X	X	
V-5	4-4.5	1/23/2025		X		Grab	1	X	X	X	
V-5	5-5.5	1/23/2025		X		Grab	1	X	X	X	

Additional Comments: NMOCID ID: nJXK1617631317

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han		1-23-25 1405			
		2			4
		6			



Chain of Custody

Work Order No: 4250420

Page 55 of 56

[illegible]



Chain of Custody

Work Order No: H250420

Project Manager:	Kellan Smith	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil Producers
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com
Project Name:	Maddox Federal B 8016 JV-P #002	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	249315	Due Date:	
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han		
PO #:			

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:

SAMPLE RECEIPT		Temp Blank	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	-0.66	Temperature Reading:	31.2	Corrected Temperature:	29.5
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Total Containers:	49						

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
V-7	4-4.5	1/23/2025		X		Grab	1	BTEX (8021B)		None: NO	
V-7	5-5.5	1/23/2025		X		Grab	1	TPH (8015M)		DI Water: H ₂ O	
H-1	0-6"	1/23/2025		X		Grab	1	CHLORIDE 4500CL-B		Cool: Cool	
H-2	0-6"	1/23/2025		X		Grab	1			HCL: HC	
H-3	0-6"	1/23/2025		X		Grab	1			H ₂ SO ₄ : H ₂	
H-4	0-6"	1/23/2025		X		Grab	1			H ₃ PO ₄ : HP	
H-5	0-6"	1/23/2025		X		Grab	1			NaHSO ₄ : NABIS	
H-6	0-6"	1/23/2025		X		Grab	1			Na ₂ S ₂ O ₃ : NASO ₃	
H-7	0-6"	1/23/2025		X		Grab	1			Zn Acetate+NaOH: Zn	
				X		Grab	1			NaOH+Ascorbic Acid: SAPC	

Additional Comments: NMOCID ID: NJXK1617631317

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	1-23-25 1405			



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

March 05, 2025

KELLAN SMITH

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MADDOX FEDERAL B 8016 JV-P #002

Enclosed are the results of analyses for samples received by the laboratory on 02/27/25 10:57.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 1 SURFACE (H251166-01)

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	03/03/2025	ND	1.85	92.3	2.00	0.121	
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29	
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	16.0	02/28/2025	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	215	107	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	203	101	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 89.9 % 71.8-148

Surrogate: 1-Chlorooctadecane 82.4 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 2 SURFACE (H251166-02)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTX	<0.300	0.300	03/03/2025	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	<16.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	215	107	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	203	101	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 81.0 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 3 SURFACE (H251166-03)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	215	107	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	203	101	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 94.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 87.8 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 4 SURFACE (H251166-04)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEx	<0.300	0.300	03/03/2025	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	<16.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	215	107	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	203	101	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 102 % 71.8-148

Surrogate: 1-Chlorooctadecane 95.6 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 5 SURFACE (H251166-05)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	215	107	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	203	101	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 102 % 71.8-148

Surrogate: 1-Chlorooctadecane 95.8 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 6 SURFACE (H251166-06)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	ND	215	107	200	1.33	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	203	101	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 98.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 92.0 % 63.9-155

Cardinal Laboratories

*=Accredited Analyte

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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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 7 SURFACE (H251166-07)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 108 % 71.8-148

Surrogate: 1-Chlorooctadecane 110 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 8 SURFACE (H251166-08)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 92.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 95.6 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 9 SURFACE (H251166-09)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTX	<0.300	0.300	03/03/2025	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	<16.0	16.0	02/28/2025	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 107 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 10 SURFACE (H251166-10)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 108 % 71.8-148

Surrogate: 1-Chlorooctadecane 114 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 11 SURFACE (H251166-11)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 86.9 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 12 SURFACE (H251166-12)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 102 % 71.8-148

Surrogate: 1-Chlorooctadecane 107 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 13 SURFACE (H251166-13)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	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	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 14 SURFACE (H251166-14)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	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	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 101 % 71.8-148

Surrogate: 1-Chlorooctadecane 104 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 15 SURFACE (H251166-15)

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	03/03/2025	ND	1.85	92.3	2.00	0.121		
Toluene*	<0.050	0.050	03/03/2025	ND	1.95	97.3	2.00	1.44		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.11	106	2.00	2.59		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.36	106	6.00	3.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 101 % 71.8-148

Surrogate: 1-Chlorooctadecane 107 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 16 SURFACE (H251166-16)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	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	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 97.9 % 71.8-148

Surrogate: 1-Chlorooctadecane 101 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 17 SURFACE (H251166-17)

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	03/03/2025	ND	2.03	102	2.00	3.92		
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48		
Total BTEx	<0.300	0.300	03/03/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	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	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 99.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 103 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 18 SURFACE (H251166-18)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEx	<0.300	0.300	03/03/2025	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	<16.0	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	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 101 % 71.8-148

Surrogate: 1-Chlorooctadecane 105 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 19 SURFACE (H251166-19)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	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	02/28/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 100 % 71.8-148

Surrogate: 1-Chlorooctadecane 104 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 20 SURFACE (H251166-20)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	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	03/01/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 102 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 21 SURFACE (H251166-21)

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	03/03/2025	ND	2.03	102	2.00	3.92		
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48		
Total BTEX	<0.300	0.300	03/03/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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	03/01/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 22 SURFACE (H251166-22)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	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	03/01/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 23 SURFACE (H251166-23)

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	03/03/2025	ND	2.03	102	2.00	3.92		
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48		
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	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	03/01/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 107 % 71.8-148

Surrogate: 1-Chlorooctadecane 117 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 24 SURFACE (H251166-24)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEx	<0.300	0.300	03/03/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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	03/01/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 110 % 71.8-148

Surrogate: 1-Chlorooctadecane 116 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 25 SURFACE (H251166-25)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTX	<0.300	0.300	03/03/2025	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	<16.0	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	03/01/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 114 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 26 SURFACE (H251166-26)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	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	03/01/2025	ND	212	106	200	0.109	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	218	109	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 110 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 27 SURFACE (H251166-27)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	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	02/28/2025	ND	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 102 % 71.8-148

Surrogate: 1-Chlorooctadecane 114 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 28 SURFACE (H251166-28)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	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	02/28/2025	ND	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 101 % 71.8-148

Surrogate: 1-Chlorooctadecane 113 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 29 SURFACE (H251166-29)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	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	02/28/2025	ND	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 117 % 71.8-148

Surrogate: 1-Chlorooctadecane 132 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 30 SURFACE (H251166-30)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 110 % 71.8-148

Surrogate: 1-Chlorooctadecane 124 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 31 SURFACE (H251166-31)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	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	32.0	16.0	03/03/2025	ND	448	112	400	11.3	

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	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 101 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 32 SURFACE (H251166-32)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	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	03/03/2025	ND	448	112	400	11.3		

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	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 93.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 102 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 33 SURFACE (H251166-33)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	ND	448	112	400	11.3	

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	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 103 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 34 SURFACE (H251166-34)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEx	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	48.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 114 % 71.8-148

Surrogate: 1-Chlorooctadecane 128 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 35 SURFACE (H251166-35)

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	03/03/2025	ND	2.03	102	2.00	3.92	
Toluene*	<0.050	0.050	03/03/2025	ND	2.08	104	2.00	1.92	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.10	105	2.00	2.26	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.47	108	6.00	2.48	
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 113 % 71.8-148

Surrogate: 1-Chlorooctadecane 127 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 36 SURFACE (H251166-36)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 71.8-148

Surrogate: 1-Chlorooctadecane 86.1 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 37 SURFACE (H251166-37)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 103 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 38 SURFACE (H251166-38)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 78.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 86.2 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 39 SURFACE (H251166-39)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 103 % 71.8-148

Surrogate: 1-Chlorooctadecane 114 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 40 SURFACE (H251166-40)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	32.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	03/01/2025	ND	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 97.3 % 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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Analytical Results For:

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

Received: 02/27/2025
 Reported: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 41 SURFACE (H251166-41)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	80.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	03/01/2025	ND	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 87.4 % 71.8-148

Surrogate: 1-Chlorooctadecane 105 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 42 SURFACE (H251166-42)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	03/01/2025	ND	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 102 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 43 SURFACE (H251166-43)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	03/01/2025	ND	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 89.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 101 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 44 SURFACE (H251166-44)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	03/01/2025	ND	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 120 % 71.8-148

Surrogate: 1-Chlorooctadecane 132 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 45 SURFACE (H251166-45)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	32.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	03/01/2025	ND	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 104 % 71.8-148

Surrogate: 1-Chlorooctadecane 117 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 46 SURFACE (H251166-46)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	03/03/2025	ND	224	112	200	6.13	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	226	113	200	6.66	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 102 % 71.8-148

Surrogate: 1-Chlorooctadecane 105 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 47 SURFACE (H251166-47)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	32.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 108 % 71.8-148

Surrogate: 1-Chlorooctadecane 117 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 48 SURFACE (H251166-48)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEx	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 98.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 108 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 49 SURFACE (H251166-49)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	ND	448	112	400	11.3		

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	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 106 % 71.8-148

Surrogate: 1-Chlorooctadecane 116 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 50 SURFACE (H251166-50)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	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	02/28/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 108 % 71.8-148

Surrogate: 1-Chlorooctadecane 117 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 51 SURFACE (H251166-51)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	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	02/28/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 96.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 107 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 52 SURFACE (H251166-52)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	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	02/28/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 100 % 71.8-148

Surrogate: 1-Chlorooctadecane 108 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 53 SURFACE (H251166-53)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	<16.0	16.0	03/03/2025	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	02/28/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 100 % 71.8-148

Surrogate: 1-Chlorooctadecane 111 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 54 SURFACE (H251166-54)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	<16.0	16.0	03/03/2025	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	02/28/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 95.7 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 55 SURFACE (H251166-55)

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	03/03/2025	ND	1.90	95.2	2.00	1.90		
Toluene*	<0.050	0.050	03/03/2025	ND	2.14	107	2.00	3.25		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.16	108	2.00	3.12		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	6.65	111	6.00	3.04		
Total BTEX	<0.300	0.300	03/03/2025	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	16.0	16.0	03/03/2025	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	02/28/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 90.1 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 56 SURFACE (H251166-56)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	16.0	16.0	03/03/2025	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	02/28/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 93.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 98.6 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 57 SURFACE (H251166-57)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	<16.0	16.0	03/03/2025	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	02/28/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 93.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 99.2 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 58 SURFACE (H251166-58)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	16.0	16.0	03/03/2025	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	02/28/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/28/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	02/28/2025	ND					

Surrogate: 1-Chlorooctane 99.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 105 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 59 SURFACE (H251166-59)

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	03/03/2025	ND	2.12	106	2.00	5.54	
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29	
Total BTEX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	16.0	16.0	03/03/2025	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	03/01/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 93.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 99.9 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 60 SURFACE (H251166-60)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	16.0	16.0	03/03/2025	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	03/01/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 61 SURFACE (H251166-61)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	32.0	16.0	03/03/2025	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	03/01/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 71.8-148

Surrogate: 1-Chlorooctadecane 98.0 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 62 SURFACE (H251166-62)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	16.0	16.0	03/03/2025	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	03/01/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 87.7 % 71.8-148

Surrogate: 1-Chlorooctadecane 93.7 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 63 SURFACE (H251166-63)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	16.0	16.0	03/03/2025	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	03/01/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 111 % 71.8-148

Surrogate: 1-Chlorooctadecane 119 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 64 SURFACE (H251166-64)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	16.0	16.0	03/03/2025	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	03/01/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 101 % 71.8-148

Surrogate: 1-Chlorooctadecane 108 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 65 SURFACE (H251166-65)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	16.0	16.0	03/03/2025	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	03/01/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 71.8-148

Surrogate: 1-Chlorooctadecane 103 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 66 SURFACE (H251166-66)

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	03/03/2025	ND	2.12	106	2.00	5.54	
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29	
Total BTEX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	16.0	16.0	03/03/2025	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	03/01/2025	ND	219	109	200	1.82	
DRO >C10-C28*	<10.0	10.0	03/01/2025	ND	224	112	200	4.68	
EXT DRO >C28-C36	<10.0	10.0	03/01/2025	ND					

Surrogate: 1-Chlorooctane 105 % 71.8-148

Surrogate: 1-Chlorooctadecane 113 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 67 SURFACE (H251166-67)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	16.0	16.0	03/03/2025	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	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 90.5 % 71.8-148

Surrogate: 1-Chlorooctadecane 89.6 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 68 SURFACE (H251166-68)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTEX	<0.300	0.300	03/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	16.0	16.0	03/03/2025	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	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 92.2 % 71.8-148

Surrogate: 1-Chlorooctadecane 91.8 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 69 SURFACE (H251166-69)

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	03/03/2025	ND	2.12	106	2.00	5.54	
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90	
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70	
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29	
Total BTEX	<0.300	0.300	03/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	<16.0	16.0	03/03/2025	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	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 94.0 % 71.8-148

Surrogate: 1-Chlorooctadecane 93.3 % 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: 03/05/2025
 Project Name: MADDOX FEDERAL B 8016 JV-P #002
 Project Number: 249315
 Project Location: BTA LEA COUNTY, NM

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

Sample ID: CS - 70 SURFACE (H251166-70)

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	03/03/2025	ND	2.12	106	2.00	5.54		
Toluene*	<0.050	0.050	03/03/2025	ND	2.18	109	2.00	6.90		
Ethylbenzene*	<0.050	0.050	03/03/2025	ND	2.27	113	2.00	8.70		
Total Xylenes*	<0.150	0.150	03/03/2025	ND	7.04	117	6.00	9.29		
Total BTX	<0.300	0.300	03/03/2025	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	<16.0	16.0	03/03/2025	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	03/03/2025	ND	209	104	200	1.08	
DRO >C10-C28*	<10.0	10.0	03/03/2025	ND	201	101	200	2.01	
EXT DRO >C28-C36	<10.0	10.0	03/03/2025	ND					

Surrogate: 1-Chlorooctane 94.8 % 71.8-148

Surrogate: 1-Chlorooctadecane 93.9 % 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: HAS111616

Project Manager:	Kellan Smith	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil Producers
Address:	13212 N MacArthur Blvd	Address:	104 S Pecos St
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	Midland, TX 79701
Phone:	(832) 374-0004	Email:	ksmith@ntglobal.com
Work Order Comments			
Program: <input type="checkbox"/> UST/ <input type="checkbox"/> 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:	Maddox Federal B 8016 JV-P #002	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Turn Around	Pres. Code	ANALYSIS REQUEST										PRESERVATIVE CODES									
Project Number:	249315	Due Date:		TAT starts the day received by the lab, if received by 4:30pm		Parameters		BTEX (8021B)		TPH (8015M)		CHLORIDE 4500CL-B		HOLD		None: NO		DI Water: H ₂ O						
Project Location:	Lea County, NM	Sample's Name:		Clayton T		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Cool: Cool		MeOH: Me								
PO #:		Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		H ₂ SO ₄ : H ₂		HNO ₃ : HN								
SAMPLE RECEIPT		Received intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Corrected Temperature:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Total Containers:		70		H ₃ PO ₄ : HP		NaOH: Na								
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments																
CS-1	Surface	2/27/2025		X	Comp	1	X	X	X	- 2m 3m 5m 7m 8m 9m 10														
CS-2	Surface	2/27/2025		X	Comp	1	X	X	X															
CS-3	Surface	2/27/2025		X	Comp	1	X	X	X															
CS-4	Surface	2/27/2025		X	Comp	1	X	X	X															
CS-5	Surface	2/27/2025		X	Comp	1	X	X	X															
CS-6	Surface	2/27/2025		X	Comp	1	X	X	X															
CS-7	Surface	2/27/2025		X	Comp	1	X	X	X															
CS-8	Surface	2/27/2025		X	Comp	1	X	X	X															
CS-9	Surface	2/27/2025		X	Comp	1	X	X	X															
CS-10	Surface	2/27/2025		X	Grab	1	X	X	X															

Additional Comments: BTA Maintenance Number: 20033

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
		2-27-25 1057			



Chain of Custody

Work Order No: 1851144

Project Manager:	Kellan Smith	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil Producers
Address:	13212 N MacArthur Blvd	Address:	104 S Pecos St
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	Midland, TX 79701
Phone:	(832) 374-0004	Email:	ksmith@ntglobal.com

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:	Maddox Federal B 8016 JV-P #002	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	249315	Due Date:															None: NO <input type="checkbox"/> DI Water: H ₂ O			
Project Location:	Lea County, NM																Cool: Cool <input type="checkbox"/> MeOH: Me			
Sampler's Name:	Clayton T																HCL: HC <input type="checkbox"/> HNO ₃ : HN			
PO #:																	H ₂ SO ₄ : H ₂ <input type="checkbox"/> 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 Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:														NaHSO ₄ : NABIS			
	Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃			
	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:														Zn Acetate+NaOH: Zn			
	Total Containers:	70	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC			

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Additional Comments: BTA Maintenance Number: 20033

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
<u>[Signature]</u>	<u>[Signature]</u>	<u>8/7/25 1057</u>			



Chain of Custody

Work Order No: Hasille

Page 3 of 7

Project Manager:	Kellan Smith	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil Producers
Address:	13212 N MacArthur Blvd	Address:	104 S Pecos St
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	Midland, TX 79701
Phone:	(832) 374-0004	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"/> Unperfund <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:	

Project Name:	Maddox Federal B 8016 JV-P #002	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	249315	Due Date:															None: NO	DI Water: H ₂ O			
Project Location:	Lea County, NM	TAI starts the day received by the lab, if received by 4:30pm															Cool: Cool	MeOH: Me			
Sampler's Name:	Clayton T																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:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													NaHSO ₄ : NABIS				
	Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A													Na ₂ S ₂ O ₃ : NaSO ₃				
	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A													Zn Acetate+NaOH: Zn				
	Total Containers:	70	Corrected Temperature:	2.9°C													NaOH+Ascorbic Acid: SAPC				
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-21	Surface	2/27/2025		X		Comp	1	X	X	X							21				
CS-22	Surface	2/27/2025		X		Comp	1	X	X	X							22				
CS-23	Surface	2/27/2025		X		Comp	1	X	X	X							23				
CS-24	Surface	2/27/2025		X		Comp	1	X	X	X							24				
CS-25	Surface	2/27/2025		X		Comp	1	X	X	X							25				
CS-26	Surface	2/27/2025		X		Comp	1	X	X	X							26				
CS-27	Surface	2/27/2025		X		Comp	1	X	X	X							27				
CS-28	Surface	2/27/2025		X		Comp	1	X	X	X							28				
CS-29	Surface	2/27/2025		X		Comp	1	X	X	X							29				
CS-30	Surface	2/27/2025		X		Grab	1	X	X	X							30				

Additional Comments:

BTA Maintenance Number: 20033

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2/25/2025			



Chain of Custody

Work Order No: HS1164

Project Manager:	Kellan Smith	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BITA Oil Producers
Address:	13212 N MacArthur Blvd	Address:	104 S Pecos St
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	Midland, TX 79701
Phone:	(832) 374-0004	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:				Maddox Federal B 8016 JV-P #002				Turn Around				ANALYSIS REQUEST				Preservative Codes			
Project Number:				249315				<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush								None: NO			
Project Location:				Lea County, NM				Due Date:								DI Water: H ₂ O			
Sampler's Name:				Clayton T				TAT starts the day received by the lab, if received by 4:30pm								Cool: Cool			
PO #:																HCL: HC			
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 ₂ SO ₄ : H ₂			
Received Intact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:				140						H ₃ PO ₄ : HP			
Cooler Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:				+0.3						NaHSO ₄ : NABIS			
Sample Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:				8.0						Na ₂ S ₂ O ₃ : NaSO ₃			
Total Containers:				70		Corrected Temperature:				8.9						Zn Acetate+NaOH: Zn			
																NaOH+Ascorbic Acid: SAPC			
Sample Identification		Depth (ft bgs)		Date		Time		Soil		Water		Grab/Comp		# of Cont		Sample Comments			
CS-31		Surface		2/27/2025				X				Comp		1		31			
CS-32		Surface		2/27/2025				X				Comp		1		32			
CS-33		Surface		2/27/2025				X				Comp		1		33			
CS-34		Surface		2/27/2025				X				Comp		1		34			
CS-35		Surface		2/27/2025				X				Comp		1		35			
CS-36		Surface		2/27/2025				X				Comp		1		36			
CS-37		Surface		2/27/2025				X				Comp		1		37			
CS-38		Surface		2/27/2025				X				Comp		1		38			
CS-39		Surface		2/27/2025				X				Comp		1		39			
CS-40		Surface		2/27/2025				X				Grab		1		40			

Additional Comments:

BTA Maintenance Number: 20033

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		2-27-25 1051			

Revised Date 05/01/2020 Rev 2020



Chain of Custody

Work Order No: H251164

Page 5 of 7

Project Manager:						Kellian Smith	Bill To: (if different)						Ray Ramos							
Company Name:						NTG Environmental	Company Name:						BTA Oil Producers							
Address:						13212 N MacArthur Blvd	Address:						104 S Pecos St							
City, State ZIP:						Oklahoma City, OK 73142	City, State ZIP:						Midland, TX 79701							
Phone:						(832) 374-0004	Email:						ksmith@ntglobal.com							
Project Name:						Maddox Federal B 8016 JV-P #002	Turn Around													
Project Number:						249315	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush													
Project Location:						Lea County, NM	Due Date:													
Sampler's Name:						Clayton T	TAT starts the day received by the lab, if received by 4:30pm													
PO #:																				
SAMPLE RECEIPT						Temp Blank:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Wet Ice:	Yes <input checked="" type="radio"/> No <input type="radio"/>	Parameters										
Received In tact:						Yes <input checked="" type="radio"/> No <input type="radio"/>	Thermometer ID:		BTEX (8021B)											
Cooler Custody Seals:						Yes <input checked="" type="radio"/> No <input type="radio"/> N/A	Correction Factor:	+0.3	TPH (8015M)											
Sample Custody Seals:						Yes <input checked="" type="radio"/> No <input type="radio"/> N/A	Temperature Reading:	8.8	CHLORIDE 4500CL-B											
Total Containers:						70	Corrected Temperature:	8.9												
Sample Identification						Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont								
CS-41						Surface	2/27/2025		X		Comp	1	X	X	X					
CS-42						Surface	2/27/2025		X		Comp	1	X	X	X					
CS-43						Surface	2/27/2025		X		Comp	1	X	X	X					
CS-44						Surface	2/27/2025		X		Comp	1	X	X	X					
CS-45						Surface	2/27/2025		X		Comp	1	X	X	X					
CS-46						Surface	2/27/2025		X		Comp	1	X	X	X					
CS-47						Surface	2/27/2025		X		Comp	1	X	X	X					
CS-48						Surface	2/27/2025		X		Comp	1	X	X	X					
CS-49						Surface	2/27/2025		X		Comp	1	X	X	X					
CS-50						Surface	2/27/2025		X		Grab	1	X	X	X					
Additional Comments: BTA Maintenance Number: 20033																				
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Relinquished by: (Signature)						Received by: (Signature)						Date/Time			Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
[Signature]						[Signature]						2/25/2025			[Signature]		[Signature]			
1						2						3			4		5		6	
5						6						7			8		9		10	



Chain of Custody

Work Order No: HS1164

Project Manager:	Kellan Smith	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil Producers
Address:	13212 N MacArthur Blvd	Address:	104 S Pecos St
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	Midland, TX 79701
Phone:	(832) 374-0004	Email:	ksmith@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:



Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADAPT ☐ Other:

ANALYSIS REQUEST										Preservative Codes	
Project Name:	Maddox Federal B 8016 JV-P #002	Turn Around		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	None: NO	DI Water: H ₂ O				
Project Number:	249315	Due Date:				Cool: Cool	MeOH: Me				
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm				HCL: HC	HNO ₃ : HN				
Sampler's Name:	Clayton T					H ₂ SO ₄ : H ₂	NaOH: Na				
PO #:						H ₃ PO ₄ : HP					
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	NaHSO ₄ : NABIS					
Received Inact:	Yes No	Thermometer ID:				Na ₂ S ₂ O ₅ : NaSO ₃					
Cooler Custody Seals:	Yes No	Correction Factor:				Zn Acetate+NaOH: Zn					
Sample Custody Seals:	Yes No	Temperature Reading:				NaOH+Ascorbic Acid: SAPC					
Total Containers:	70	Corrected Temperature:									
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			
CS-51	Surface	2/27/2025		X		Comp	1	X	X	X	
CS-52	Surface	2/27/2025		X		Comp	1	X	X	X	
CS-53	Surface	2/27/2025		X		Comp	1	X	X	X	
CS-54	Surface	2/27/2025		X		Comp	1	X	X	X	
CS-55	Surface	2/27/2025		X		Comp	1	X	X	X	
CS-56	Surface	2/27/2025		X		Comp	1	X	X	X	
CS-57	Surface	2/27/2025		X		Comp	1	X	X	X	
CS-58	Surface	2/27/2025		X		Comp	1	X	X	X	
CS-59	Surface	2/27/2025		X		Comp	1	X	X	X	
CS-60	Surface	2/27/2025		X		Grab	1	X	X	X	
HOLD											
Sample Comments											
S1											
S2											
S3											
S4											
S5											
S6											
S7											
S8											
S9											
U0											

Additional Comments: BTA Maintenance Number: 20033

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date / Time
		2-2-25 / 057	2		
			4		
			6		

Revised Date 05/01/2020 Rev. 2020



Chain of Custody

Work Order No: H251144

Page 7 of 7

Project Manager:	Kellan Smith	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil Producers
Address:	13212 N MacArthur Blvd	Address:	104 S Pecos St
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	Midland, TX 79701
Phone:	(832) 374-0004	Email:	ksmith@ntglobal.com
Project Name:	Maddox Federal B 8016 JV-P #002	Turn Around	
Project Number:	249315	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	
Project Location:	Lea County, NM	Due Date:	
Sampler's Name:	Clayton T	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 In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	+0.3
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	2.0
Total Containers:	70	Corrected Temperature:	2.9

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	
								BTX (8021B)	TPH (8015M)	CHLORIDE 4500CL-B								None: NO	DI Water: H ₂ O
CS-61	Surface	2/27/2025		X		Comp	1	X	X	X									
CS-62	Surface	2/27/2025		X		Comp	1	X	X	X									
CS-63	Surface	2/27/2025		X		Comp	1	X	X	X									
CS-64	Surface	2/27/2025		X		Comp	1	X	X	X									
CS-65	Surface	2/27/2025		X		Comp	1	X	X	X									
CS-66	Surface	2/27/2025		X		Comp	1	X	X	X									
CS-67	Surface	2/27/2025		X		Comp	1	X	X	X									
CS-68	Surface	2/27/2025		X		Comp	1	X	X	X									
CS-69	Surface	2/27/2025		X		Comp	1	X	X	X									
CS-70	Surface	2/27/2025		X		Grab	1	X	X	X									

Additional Comments: BTA Maintenance Number: 20033

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
		2-27-25 1057			

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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 468021

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 468021
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nJXK1617631317
Incident Name	NJXK1617631317 MADDOX FEDERAL B 8016 JV-P #002 @ 30-025-30128
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-30128] MADDOX FEDERAL B 8016 JV-P #002

Location of Release Source

Please answer all the questions in this group.

Site Name	MADDOX FEDERAL B 8016 JV-P #002
Date Release Discovered	06/09/2016
Surface Owner	State

Incident Details

Please answer all the questions in this group.

Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	Yes
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	Yes
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Lightning Tank (Any) Crude Oil Released: 235 BBL Recovered: 0 BBL Lost: 235 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 468021

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 468021
	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; (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire; (d) substantially damages property or the environment.
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: Ray Ramos Title: Environmental Manager Email: rramos@btaoil.com Date: 02/12/2025
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QUESTIONS, Page 3

Action 468021

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:
	260297
	Action Number:
	468021
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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 1 and 5 (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	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical 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)	32
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	02/24/2025
On what date will (or did) the final sampling or liner inspection occur	02/24/2025
On what date will (or was) the remediation complete(d)	02/24/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 468021

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 468021
	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.)	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)	Yes
Other Non-listed Remedial Process. Please specify	There is no remediation taking place, we will be confirmation sampling the area to show there is no impacts at the site.
<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: Ray Ramos Title: Environmental Manager Email: rramos@btaoil.com Date: 02/12/2025
<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 468021

QUESTIONS (continued)

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	Action Number: 468021
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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Action 468021

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 468021
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	435049
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/27/2025
What was the (estimated) number of samples that were to be gathered	70
What was the sampling surface area in square feet	13849

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	0
What was the total volume (cubic yards) remediated	0
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	The area was confirmation sampled to ensure no impacts remained at the site.
<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: Noah Tinker Title: Engineer Email: ntinker@btaoil.com Date: 05/28/2025

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QUESTIONS, Page 7

Action 468021

QUESTIONS (continued)

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	Action Number: 468021
	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 468021

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
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CONDITIONS

Created By	Condition	Condition Date
scwells	None	6/5/2025