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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 ¹/₂-mile radius of the Site. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or

Creating a Better Environment For Oil & Gas Operations 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	TPH	BTEX	Benzene
		(GRO+DRO+MRO	(GRO+MRO)		
19.15.29.12 NMAC Table					
I Closure Criteria for Soils	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Impacted by a Release					
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 (0-5.5) below.

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

Kllma

Kellan Smith Project Manager

Attachments:

Tables Figures Site Characterization Information Photographic Log Laboratory Reports



Tables



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Table 1 Summary of Soil Analytical Data - Delineation Samples Maddox Federal B 8016 JV-P #002 BTA Oil Producers Lea County, New Mexico

								ТРН					
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(it bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	I Closure Crite	eria for Soil ≤50) feet Depth	to Groundw	ater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					Vertica	al Delineation	Samples						
	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
V-1	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
• 1	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
	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
V-2	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
	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
V-3	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
	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
V-4	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
	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
V-5	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
	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
V-6	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

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Table 1 Summary of Soil Analytical Data - Delineation Samples Maddox Federal B 8016 JV-P #002 **BTA Oil Producers** Lea County, New Mexico

										TPH			
Sample ID	Sample Date	Depth (ft.h.m.)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
				Table I Closure Criteria for Soil ≤50 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
	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
V-7	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
v-7	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
					Horizon	ital Delineatio	n 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

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

2.< = Value Less Than Reporting Limit (RL) 3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

SP 1 Sample Point Excavated 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

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Table 2 Summary of Soil Analytical Data - Confirmation Samples Maddox Federal B 8016 JV-P #002 BTA Oil Producers Lea County, New Mexico

										ТРН			
Comula ID	Comula Data	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
Sample ID	Sample Date	(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			(8/8/	(8/8/						undwater 19.15		(8/8/	(8/8/
			10 mg/kg				50 mg/kg					100 mg/kg	600 mg/kg
					C	Confirmation	Samples		1			11	
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-40 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-41 CS-42	2/27/2025	Surface	<0.030	<0.050	<0.050	<0.130	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-42 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

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Table 2 Summary of Soil Analytical Data - Confirmation Samples Maddox Federal B 8016 JV-P #002 BTA Oil Producers Lea County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth (ft has)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	I Closure Cri	teria for Soil 5	1-100 feet D	epth to Gro	undwater 19.15	5.29 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

Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

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

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

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

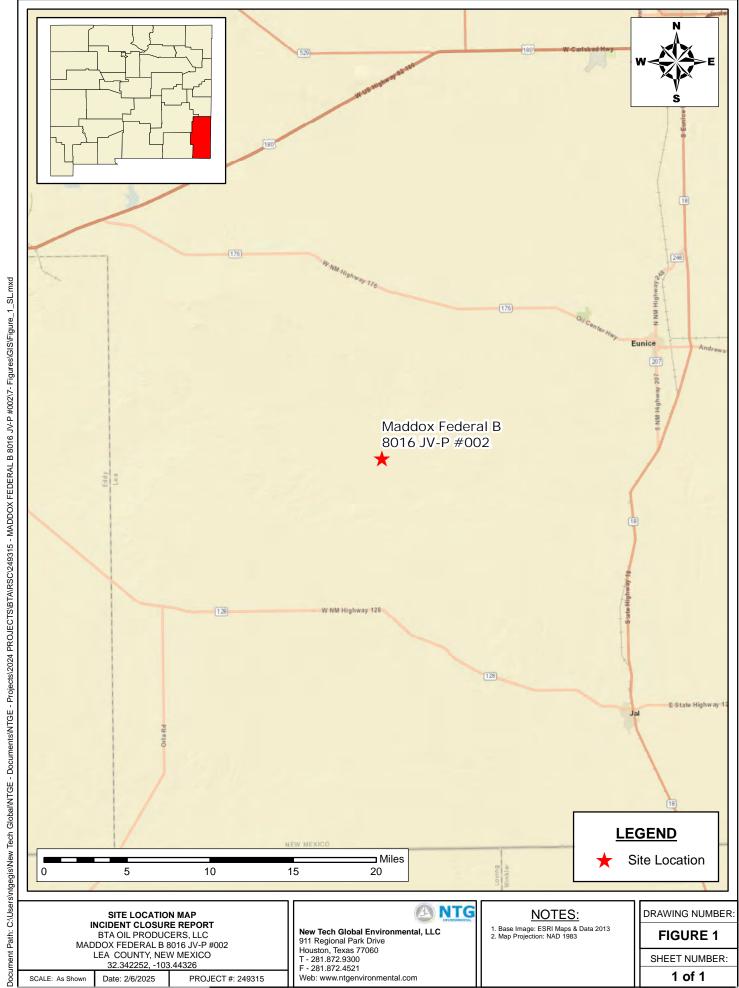
9. --- Not Analyzed

Figures

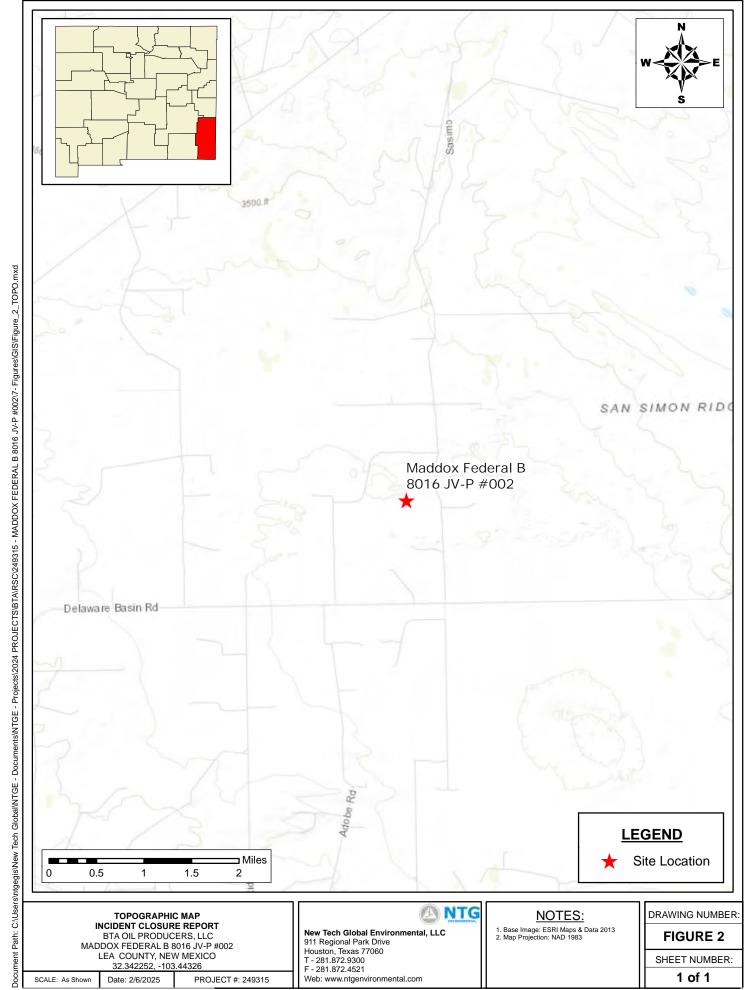


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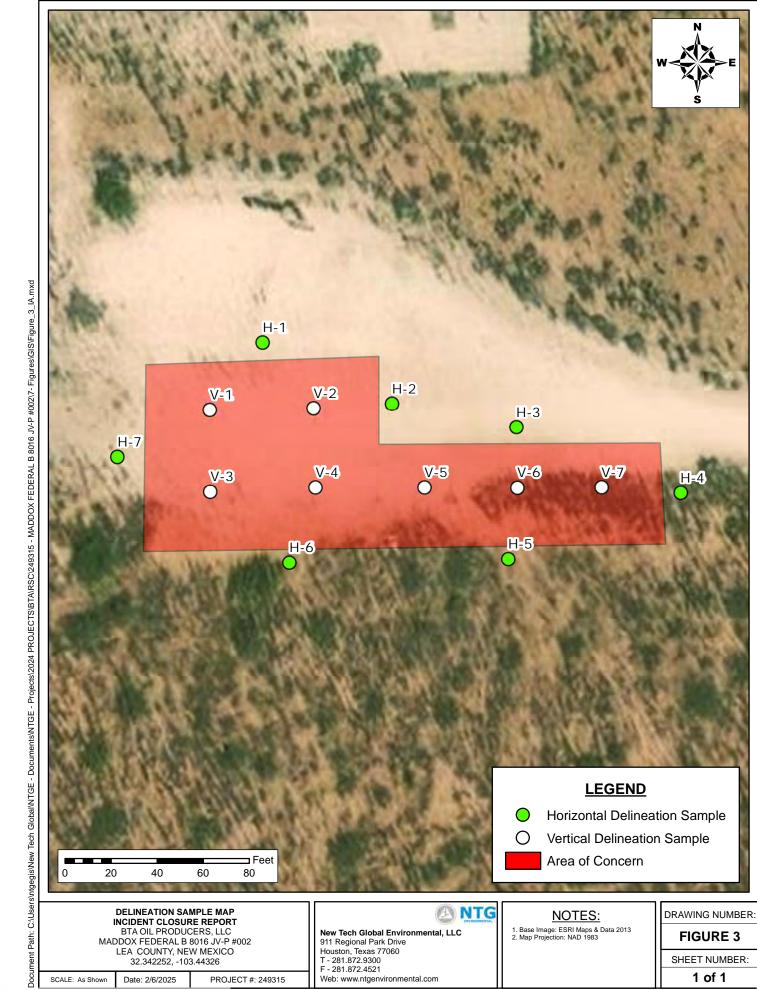
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Released to Imaging: 6/5/2025 4:15:19 PM



Released to Imaging: 6/5/2025 4:15:19 PM







Document Path: C:Usershigegis/New Tech Global/NTGE - Documents/NTGE - Projects/2024 PROJECTS/BTA/RSC/249315 - MADDOX FEDERAL B 8016 JV-P #002/7- Figures/GIS/Figure_4_CM_mxd

Released to Imaging: 6/5/2025 4:15:19 PM

Site Characterization Information



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OCD Oil and Gas Map

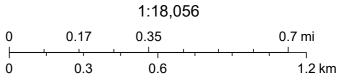


2/6/2025, 4:13:27 PM

- P Override 1
- OSE Water PODs

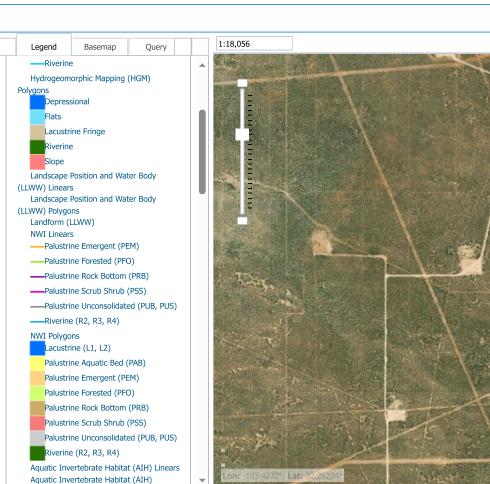
Karst Occurrence Potential

Low



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

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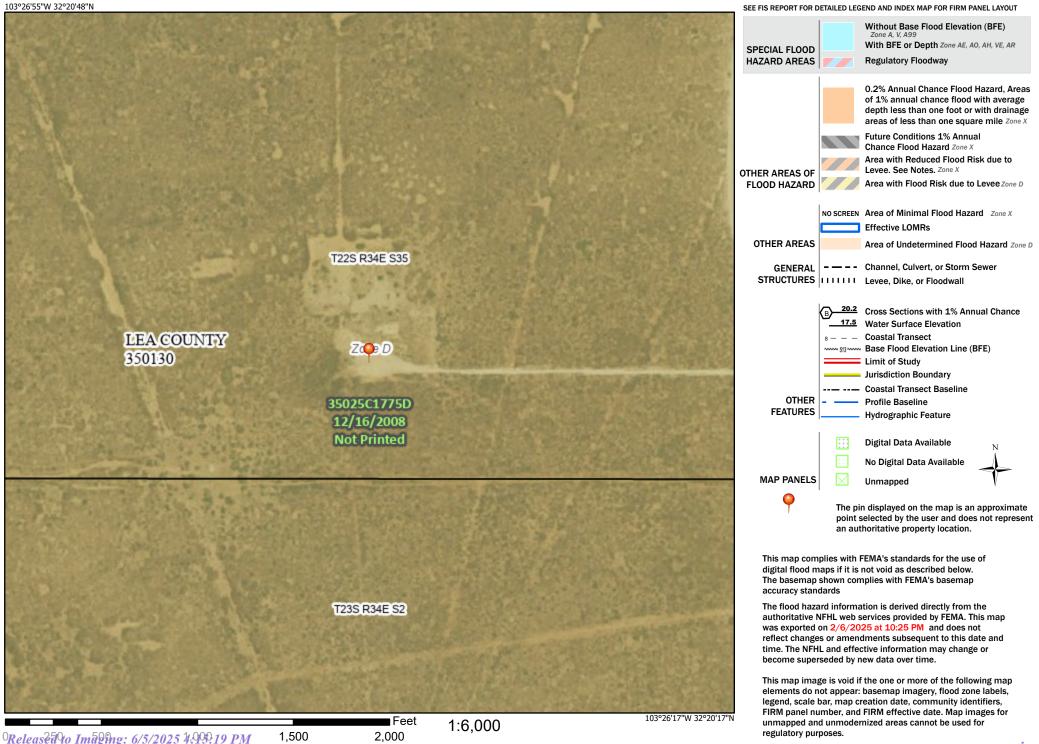


Received by OCD: 5/28/2025 1:30:07 PM National Flood Hazard Layer FIRMette



Legend

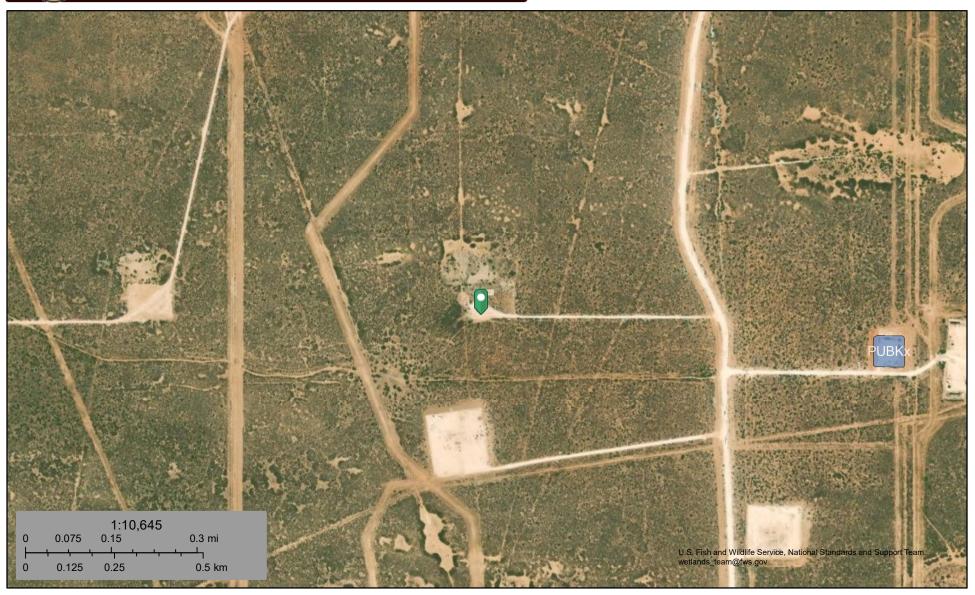
Page 17 of 166



Basemap Imagery Source: USGS National Map 2023

U.S. Fish and Wildlife Service National Wetlands Inventory

Maddox Federal B 8016 JV-P #002



February 6, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

Released to Imaging: 6/5/2025 4:15:19 PM

- 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.

Freshwater Emergent Wetland

Photoghraphic Log



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

Photograph No. 1

Facility:	Maddox Federal B 8016 JV-P #002	SW W 210
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	SW 240 270 300 NW 30 N 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 •
		© 279° W (T)
County:	Lea County, New Mexico	
Description: Confirmation Sar	npling	

Photograph No. 9

- Facility: Maddox Federal B 8016 JV-P #002
- County: Lea County, New Mexico

Description: Confirmation Sampling



7 Fab 2025, 9:14:17 AN

Laboratory Reports and Chain-of-Custody



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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	01/23/2025	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	Analyze	ed 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 9	% 71.5-13	24						
Chloride, SM4500Cl-B	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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	10						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 1-1.5' (H250420-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 2-2.5' (H250420-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 3-3.5' (H250420-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.8	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 4-4.5' (H250420-05)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.5	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	107 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 0-6" (H250420-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	<i>93</i> .8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 1-1.5' (H250420-08)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 2-2.5' (H250420-09)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 3-3.5' (H250420-10)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 4-4.5' (H250420-11)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 0-6" (H250420-13)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 1-1.5' (H250420-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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	Analyze	d 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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 3-3.5' (H250420-16)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 4-4.5' (H250420-17)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 5-5.5' (H250420-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	117 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 4 0-6" (H250420-19)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 4 1-1.5' (H250420-20)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 4 2-2.5' (H250420-21)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.2	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 4 3-3.5' (H250420-22)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 4 4-4.5' (H250420-23)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 4 5-5.5' (H250420-24)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 5 0-6" (H250420-25)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 5 1-1.5' (H250420-26)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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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 - 5 2-2.5' (H250420-27)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	% 49.1-14	8						

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

Received:	01/23/2025	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 - 5 3-3.5' (H250420-28)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.5	% 49.1-14	8						

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

Received:	01/23/2025	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 - 5 4-4.5' (H250420-29)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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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 - 5 5-5.5' (H250420-30)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.7	% 49.1-14	8						

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

Received:	01/23/2025	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 - 6 0-6" (H250420-31)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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

Received:	01/23/2025	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 - 6 1-1.5' (H250420-32)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.3	% 49.1-14	8						

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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 - 6 2-2.5' (H250420-33)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	8						

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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 - 6 3-3.5' (H250420-34)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.9	% 49.1-14	8						

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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 - 6 4-4.5' (H250420-35)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.0	% 49.1-14	8						

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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 - 6 5-5.5' (H250420-36)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.3	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 7 0-6" (H250420-37)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.3	% 49.1-14	8						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 7 1-1.5' (H250420-38)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 7 2-2.5' (H250420-39)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	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	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 - 7 3-3.5' (H250420-40)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 7 4-4.5' (H250420-41)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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 - 7 5-5.5' (H250420-42)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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: H - 1 0-6" (H250420-43)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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: H - 2 0-6" (H250420-44)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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: H - 3 0-6" (H250420-45)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.8	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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: H - 4 0-6" (H250420-46)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.1	% 49.1-14	8						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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: H - 5 0-6" (H250420-47)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.1	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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: H - 6 0-6" (H250420-48)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	01/23/2025	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: H - 7 0-6" (H250420-49)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	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	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.4	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Re	ceive	ed l		Kenny Han	. Relinqu	Xenco. A m	Service: Xe	025	1:3			PM V-2		7 V-2	• V-1	V-1		<				Sar	Total Containers	Sample C	Cooler C	Received Intact	SAMPL		DO #	Project Location	r uject Number	Project Name		Phone:	City, State ZIP	Address:	Compa	r i uject	Project	Po	nge 7	'5 of	160
				Han	ished by: (S	ninimum charge	nco will be liable		Additiona			2	2	N	-	-1	V-1	V-1	V-1	V-1	on	Sample	tainers:	Sample Custody Seals	Cooler Custody Seals:	Intact:	SAMPLE RECEIPT		's Name:	ocation	Number:	Name:			ate ZIP:	9	Company Name:	r i uject Manager:	Mon			2	2
			0		Signature)	Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$6 for each end of the section of the sectio	succe: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Variable only for the same section of the sa		Additional Comments:	U-U.U	205	2-25	1-1 5	0-6"	5-5.5	4-4.5	3-3.5	2-2.5	1-1.5	0-6"	Depth (ft bgs)				Ye					Lea		Maddox Fed	1/200 /00/1889	(580) 600 40	Oklahoma Ci	13212 N MacArthur Rive	NTG Environmental	Kellan Smith		NVIRONMENTA			
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			ana	Necelved by:	00000	hall not assum	s constitutes a		MOCDID												Time	Lorrected	Competed	Temporative D	Correction		Yes No					V-P #002											
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	s and conditions yond the control negotiated.	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.	ed by the client if analyzed. These	penses incurre (enco, but not	of for any losses or ex ample submitted to y	ne any responsibilit arge of \$5 for each s	project and a chi	applied to each	(Signature)	Relinquished by:	D: 5/
		Deontractive language	ts affiliates and si	ny to Xenco, if	ler from client compa	a valid purchase orc	ples constitutes	ishment of sam	ocument and relinqu able only for the cos	A service. Xenco will be liable only for the cost of samples and shall not communication order from client company to Xenco, its affiliates and subcontractors and subcontractors.	28/202
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Sample Comments			×	-1 -	Grab	×	5	1/23/2025	4-4.5	V-2	2 -
NaOH+Ascorbic Acid: SAPC			(# of	Water Grab/		Time	Date	Depth (ft bgs)	Sample Identification	-
Zn Acetate+NaOH: Zn				B	2.00	Corrected Temperature:	Corrected			Total Containers:	
HOL NAROUA NABIS			грн		20.00	Temperature Reading:	Temperatu			Sample Custody Seals	_
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ervati				Code				a County N	P	Project Location	
	IEST	ANALYSIS REQUEST		Pres.		V Routine		249315		Project Number:	
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PST/UST TRRP Level IV	Reporting:Level II Level III				(smith@ntoloha	Email:		89	(580) 682-1889	Phone:	
					City State 710-		2	ty, OK 7314	Oklahoma City, OK 73142	City, State ZIP:	
Brownfields RRC uperfund	ST PRP				Address:			Arthur Blvd	13212 N MacArthur Blvd	Address:	
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Page 2 of			Rav Ramos	R	Bill to: (if different)				Kellan Smith	Compositivialiager.	
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Page 53 of 56

Page 76 of 166

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	yond the control negotiated.	ns will be enforced unless previously	ot analyzed. These terr	o Xenco, but n	sample submitted t	d by: (Signature)	/ Received by:	Signature)	Reli
	s and conditions	A series will be applied to each project and a charge or set or any losses or expenses incurred by the client functions. It assigns standard terms and conditions of \$85.00 will be applied to each project and a charge of set or any losses or expenses incurred by the client if such losses or a standard terms and conditions.), its affiliates and subc arred by the client if su	pany to Xenco expenses incu	rder from client con ty for any losses or	utes a valid purchase o ssume any responsibili	ment of samples constit samples and shall not a lied to each project and	ble only for the cost of ge of \$85.00 will be app	Service. Service Servi
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	JEST	ANALYSIS REQUEST		Pres.		✓ Routir	249315		Project Number:
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	Reporting:Level II Level III PST/UST			bal com		Email:		(580) 682-1889	Phone:
	State of Project:				City. State 7IP-		OK 73142	Oklahoma City, OK 73142	City, state ZIP;
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omments	Work Order Comments		RTA Oil Broding	ġ.	Company Name		ental	IN IG Environmenta	Adda
Page 4 of 5			Ray Ramos)	Bill to: (if different)				Company Namo
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Chain of Custody Work Order No: Project Manager Kellan Smith Company Name NTG Environmental Mark Order Comments Adress: 13:12 N MacArthur Blvd Blill to: (ri different) Ray Ramos Mark Order Commental Company Name NTG Environmental Mork Order Comments Adress: 13:12 N MacArthur Blvd Environmenta Mork Order Comments Marke NTG Environmental Mork Order Comments Mork Order Comments Project Mame Markdox Federal B 8016 JV-P #002 Tum Around Adress: Environmental Madox Federal B 8016 JV-P #002 Tum Around Adress: EDD AnALYSIS REQUEST Preservative Markeenveltan Markeenveltan Preservative Markeenveltan Colspan="2">Colspan="2">Colspan= 2 Preservative Project Number Colspan= 2 Colsp						ly received by the	TAT starts the da				90 #:		
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Project Manager Kellan Smith Bill to: (if differen) Ray Ramos Page 5 of Work Order Commental Order Commental Order Commental Page 5 of		rogram: UST/PST Deen		BTA Oil Produc		Company Name			Arthur Blvd	13212 N Mac	Address:		
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Page 56 of 56



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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	82.4	% 63.9-15	5						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	81.0	% 63.9-15	5						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	87.8	% 63.9-15	5						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	95.6	% 63.9-15	5						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	95.8	% 63.9-15	5						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	92.0	% 63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	110 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	95.6	% 63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	448	112	400	3.64	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	112 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	114 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	86.9	% 63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	107 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	103 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	104	63.9-15	5						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	107 9	% 63.9-15	5						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	101 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	103 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	105 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	104 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	102 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	90.3	% 63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	107 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	117 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	116 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	123 9	63.9-15	5						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	116 9	63.9-15	5						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	114 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	113 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/28/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	132 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	124 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	111 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	102 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	115 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	128 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	127 9	63.9-15	5						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	86.1	% 63.9-15	5						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	114 9	63.9-15	5						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	86.2	% 63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	114 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	113 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	105 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	116 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	101 9	63.9-15	5						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 %	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	132 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/01/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	117 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/03/2025	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 9	71.8-14	8						
Surrogate: 1-Chlorooctadecane	105 9	63.9-15	5						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2025	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	117 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	108 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	448	112	400	11.3	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	116 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	117 %	63.9-15	5						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	107 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	108 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	111 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	103 9	63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	96.9	% 63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	98.6	% 63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	99.2	% 63.9-15	5						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2025	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	105 9	63.9-15	5						

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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	99.9	% 63.9-15	5						

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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	103 9	63.9-15	5						

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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	98.0	% 63.9-15	5						

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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	93.7	% 63.9-15	5						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	6 71.8-14	8						
Surrogate: 1-Chlorooctadecane	119 9	63.9-15	5						

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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	108 9	63.9-15	5						

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Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	103 9	63.9-15	5						

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Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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 9	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	113 9	63.9-15	5						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	89.6	% 63.9-15	5						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	91.8	% 63.9-15	5						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/03/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	93.3	% 63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	02/27/2025	Sampling Date:	02/27/2025
Reported:	03/05/2025	Sampling Type:	Soil
Project Name:	MADDOX FEDERAL B 8016 JV-P #002	Sampling Condition:	Cool & Intact
Project Number:	249315	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA LEA COUNTY, NM		

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

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/03/2025	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	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	% 71.8-14	8						
Surrogate: 1-Chlorooctadecane	93.9	% 63.9-15	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500CI-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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*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

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Work Order No: Hasiluolo

Released to Imaging: 6	5/5/2025	4:15:19	PM
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1.	Notice: Signature of this of of service. Xenco will be of Xenco. A minimum ch		Additional	CS-10	CS-9	CS-8	CS-7	CS-6	CS-5	CS-4	CS-3	CS-2	CS-1	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals	Received IIIIdct.
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	focument and re liable only for th arge of \$85.00 w		Comme	Surface	Depth (ft bg		Yes	Ye										

	ENVIRONMENTA	-															Wor	k Or	ler N	0:	Work Order No: 110 S 11 UV	F	Ę	
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Project Manager:	Kellan Smith				Bill to: (if different)	ent)	R	Ray Ramos	nos									Work	Orde	r Con	Work Order Comments			-
Company Name:	NTG Environmental	ental			Company Name	me:	B	BTA Oil Producers	Produ	cers				P	ogram	: UST	IPST [PRP	F	wnfie	Program: UST/PST PRP Brownfields RRC			_
Address:	13212 N MacArthur Blvd	thur Blvd			Address:		10	104 S Pecos St	ecos S	+				St	State of Project:	Projec	Ħ						1	
City, State ZIP:	Oklahoma City, OK 73142	OK 73142			City, State ZIP	P	M	Midland, TX 79701	TX 79	701				R	Reporting:Level II Level III PST/UST	g:Leve		_evel I	Ģ	ST/US	ST TRRP			
Phone:	(832) 374-0004			Email:	Email: ksmith@ntglobal.com	lobal.cor	в								Deliverables: EDD	oles: E	DD		ADa	ADaPT	D Other:	1 ²		
Project Name:	Maddox Federal B 8016 JV-P #002	al B 8016 JV-	-P #002	Turn	Turn Around					1		ANALYS	ISIS F	IS REQUEST	ST				115		Preservative Codes	ative	Codes	-
Project Number:		249315		✓ Routine	Rush	C Pr	Pres. Code								-	-	-	-	-	No	None: NO	DIV	DI Water: H ₂ O	
Project Location	Lea	Lea County, NM		Due Date:											-	-		-		Co	Cool: Cool	Me	MeOH: Me	
Sampler's Name:	0	Clayton T		TAT starts the	TAT starts the day received by the	/ the			-										-	HO	HCL: HC	HN	HNO3: HN	
PO #:				lab, if recei	lab, if received by 4:30pm		ers		L-B								_			H2	H ₂ SO ₄ : H ₂	Nat	NaOH: Na	
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No		mete		500C							-		-)	_	H ₃ PO ₄ : HP			
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Total Containers:		TO	Corrected	Corrected Temperature:	2.90	A	5	Se la	-					_						Na	NaOH+Ascorbic Acid: SAPC	bic Acid	: SAPC	
Sample	Depth (ft bgs)	Date	Time	Soil	Water Co	Grab/ # Comp C	# of Cont														Sample Comments	Com	ments	-
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CS-4	Surface	2/27/2025		×	C	Comp	-	×	×							-	\vdash	\vdash	+		12			_
CS-5	Surface	2/27/2025		×	C	Comp	1	×	××						-	-	\vdash	-	+	-	S			_
CS-6	Surface	2/27/2025		×	C	Comp	1	×	××						-	-	-	-	-		6			-
CS-7	Surface	2/27/2025		×	C	Comp	1	×	××						-	-	\vdash	-	\vdash		2			_
CS-8	Surface	2/27/2025		×	C	Comp	1	×	××						-	-	-	-	\vdash	00				_
CS-9	Surface	2/27/2025		×	C	Comp	-	×	×		T				-	-	-	+	-	2				_
CS-10	Surface	2/27/2025		×	G	Grab	1	×	××												0			
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Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of 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 contro	e liable only for the co	uishment of samp	oles constitu d shall not a	ites a valid purcha ssume any respon	ise order from clinisibility for any lo	lient compa	ny to Xen penses in	co, its af	filiates a by the cli	nd subco	h losses	s. It assi are due t	gns stan o circum	is standard terms and conditions circumstances beyond the control	ms and beyond	conditi the cor	ons							
of Xenco. A minimum c	A minimum charge of sociul will be applied to each project and a charge of sociol each project each proj	e applied to each	Receive	Received by: (Signature)	ILE)		Da	Date/Time	IP.	R	Relinquished by:	shed b	v: (Sig	(Signature)	()	R	Received by: (Signature)	d by:	(Sign:	ature)		Date	Date/Time	ا ل
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Revised Date 05012020 Rev. 2020.1



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et.	(Signature)	ment and relinquest only for the co of \$85.00 will be	Additional Comments:	Surface	Depth (ft bgs)		Yes	Yes (Ves	Temp		C	Lea (2	ddox Federa	(832) 374-0004	Oklahoma City, OK 73142	13212 N MacArthur Blvd	NTG Environmental	Kellan Smith									
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ner	Received by: (Signature)	es a valid purcha nume any respon charge of \$5 for	ntenance Nu	×	×	×	×	×	×	×	×	×	×	Soil	Corrected Temperature:	re Reading:	Factor:	er ID:	Wet Ice:	lab, it recei	TAT starts the	Due Date:	✓ Routine	Turn	Email:				
9	ure)	se order from cli sibility for any lo each sample sub	BTA Maintenance Number: 20033	G	0	CC	CO	CO	CC	Co	Co	Co	Co	Water Co	20	30.6	+0.50	OHI	Yes No	lab, if received by 4:30pm	TAT starts the day received by the		Rush	Turn Around	Email: ksmith@ntglobal.com	City, State ZIP	Address:	Company Name	Bill to: (if different)
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Page 74 of 79

Work Order No: Hasilur

Chain of Custody

Page 153 of 166



3 M.C	18/11/1	Relinquished	of Xenco. A minimum charge of \$85.00 will be appli	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontrators. It assigns standards very service and subcontrators, it assigns standards very service very service and service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred the client if text horses are due to circumstances beyond the control of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred to client it such losses are due to circumstances beyond the control of text of the cost of samples and shall not assume any responsibility for any losses or expenses incurred to the client if text of te		Additi	CS-30	CS-29	CS-28	CS-27	CS-26	CS-25	CS-24	CS-23	CS-22	CS-21	Sample	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #:	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:		te 7IP.			Project Manager.	
	F	y: (Signature)	harge of \$85.00 will I	s document and relin e liable only for the c		Additional Comments:	Surface	Depth (ft bgs)		S: Yes	Yes				0	Lea (Maddox Federal B 8016 JV-P #002	1000 710 (200)	(833) 374-0004	Oklahoma Citv. OK 73142	13212 N MacArthur Blvd	NTG Environmental	Kellan Smith										
01	RAD		be applied to each	quishment of sam cost of samples an		S:	2/27/2025	2/27/2025	2/27/2025	2/27/2025	2/27/2025	2/27/2025	2/27/2025	2/27/2025	2/27/2025	2/27/2025	Date	70	NIA	N/A		Temp Blank:		Clayton T	Lea County, NM	249315	al B 8016 JV-			OK 73142	thur Blvd	ntal		
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	New	Received by: (Signature)	each project and a charge of \$5 for each sample submitted to venice, our investment of the sample submitted to	ume any respor		BTA Maintenance Number: 20033	×	×	×	×	×	×	×	×	×	×	Soil	emperature:	e Reading:	actor:	gr ID:	Wet Ice:	IAD, II TECEN	TAT starts the day received by the	Due Date:	✓ Routine	Turn		Email:	0	T	0	m	
C	P	ure)	each sample su	ise order from c nsibility for any		umber: 200				0	0	0	C	0	0	0	Water c		20,00		Indo	Yes No	lab, II leceived by 4.500111	lay received by		Rush	Turn Around		Email: ksmith@ntglobal.com	City, State ZIP	Address:	Company Name	Bill to: (if different)	
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		e)	2				21	2	20	20	100	200	200	20	200	P	Sample		NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO4: NABIS	H,PO, HP	H,S04: H,	HCL: HC	Cool: Cool	None: NO	Preserv	L Other.	C		Program: UST/PST PRP Brownfields RRC	Work Order Comments	
		Date/ Little	Dato/T														Sample Comments		bic Acid: SJ	aOH: Zn	SO3	SIS		NaOH: Na	HNO3: HN	MeOH. Me	DI Water: H ₂ O	Preservative Codes						
		allie	mo														nts		PC					Na	HN	Me	er: H,O	es						

Work Order No: Hasille

Chain of Custody



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	NTG										Work Ord	ler No	Work Order No: HASILUU	11166
	Vallan Omith			_	Bill to: (if different)	2	Ray F	Ray Ramos			Work	Order	Work Order Comments	
Project Manager:	NTC Environmental	atal			Company Name	ie:	BTA	Dil Pro	BTA Oil Producers		Program: UST/PST PRP	Brow	Brownfields RRC	C uperfund
Address:	13212 N MacArthur Blvd	hur Blvd			Address:		104 S	104 S Pecos St	s St		State of Project:			
City, State ZIP:	Oklahoma City, OK 73142	OK 73142			City, State ZIP:		Midland,		TX 79701		Reporting:Level II Level III			
Phone:	(832) 374-0004			Email:	ksmith@ntglobal.com	obal.com					Deliverables: EDD	ADat	ADaP1 LI Other	er.
Project Name:	Maddox Federal B 8016 JV-P #002	al B 8016 JV-	P #002	Turn	Turn Around					ANALYSIS REQUEST		1	Preserv	Preservative Codes
Project Number:	2	249315		✓ Routine	Rush	Code						+	None: NO	DI Water: H ₂ O
Project Location	Lea C	Lea County, NM	-	Due Date:									Cool: Cool	MeOH: Me
Sampler's Name:	CI	Clayton T		TAT starts the c	TAT starts the day received by the	the							HCL: HC	
PO #:				Iab, IT receiv	lab, II leceived by 4.3001	ters	3)	1)	CL-B				H ₃ PO ₄ : HP	
Received Intact		No No	Thermometer ID:	er ID:	041	aram	(8021	8015	E 450			OLD		BIS
Cooler Custody Seals:	Yes	NO N/A	Correction Factor:	Factor:	· O	P	TEX	грн	ORIE			-	7n Acetate+NaOH: 7n	laOH: Zn
Sample Custody Seals: Total Containers:	Yes	70 N/A	Temperature Reading: Corrected Temperature	Temperature Reading: Corrected Temperature:	20.6				CHL				NaOH+Ascort	NaOH+Ascorbic Acid: SAPC
Sample	Depth (ft bgs)	Date	Time	Soil	Water Comp	ab/ # of mp Cont	-						Sample	Sample Comments
CS-31	Surface	2/27/2025		×	Comp		×	×	×			+	U,	
CS-32	Surface	2/27/2025		×	Comp	mp 1	×	×	×			+	50	
CS-33	Surface	2/27/2025		×	Co		×	×	×			+	22	
CS-34	Surface	2/27/2025		×	Co	Comp 1	×	×	< ×			+	204	
CS-35	Surface	2/27/2025		×	Co		< ×	×	×			+	20	
CS-36	Surface	2/27/2025		×	Co	Comp 1	< ×	××	< ×			+	10	
CS-37	Surface	2/27/2025		×	0 00	T	< ×	< ×	< ×			+	20	
CS-38	Surface	2/27/2025		×	Co	Comp 1	< >	< >	< >			+	200	
CS-39	Surface	2/27/2025		×	0.00	Comp 1	< ×	< ×	< >			+		
CS-40	Surface	2/27/2025		×	G	Grab 1	>	>	>			╟		
Addi	Additional Comments:	ÿ	BTA Mai	ntenance Nu	BTA Maintenance Number: 20033	ω								
Notice: Signature of the	his document and reling be liable only for the co	uishment of sam ost of samples an	ples constitut d shall not as project and a	es a valid purcha sume any respon charge of \$5 for	ase order from cli nsibility for any lo each sample sub	ent company osses or expe	to Xenco, nses incur ico, but no	its affilia red by th t analyze	ates and s he client if ed. These	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 Notice: Signature of this document and relinquishment of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. Xenco will be liable only for the cost of samples and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	ard terms and conditions tances beyond the control reviously negotiated.			
Relinoushed by:	by: (Signature)	/	Received	Received by: (Signature)	ure)		Date	Date/Time		Relinquished by: (Signature)	nature) Received by: (Signature)	(Signa	ature)	Date/Time
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5						-			o				Revis	Revised Date 05012020 Rev. 2020.1

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	NTG																			'n	
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	Vallan Cmith			-	Bill to: (if different)	đ	Ray	Ray Ramos	S							Wo	rk Ord	er Cor	Work Order Comments		
	NTG Environmental	fal		-	Company Name:	le:	BT/	A Oil P	BTA Oil Producers	S			Pro	gram:	UST/PS		P P	ownfie	Program: UST/PST PRP Brownfields RRC		uperfund
Address:	13212 N MacArthur Blvd	lur Blvd			Address:		104	104 S Pecos St	os St				Sta	State of Project:	oject:	2					
te ZIP:	Oklahoma City, OK 73142	DK 73142			City, State ZIP	.7	Mid	land, T	Midland, TX 79701				Re						E		
	(832) 374-0004			Email:	Email: ksmith@ntglobal.com	obal.com								Deliverables. Loo							
Name.	Maddox Federal B 8016 JV-P #002	I B 8016 JV-F	#002	Turn	Turn Around	,					ANA	LYSIS	LYSIS REQUEST	ST			_	:	Prese	Preservative Codes	Code
Project Number:	2	249315	_	✓ Routine	Rush	Code	de s.	\uparrow		\vdash			-	+	1		-	, N	None: NO		
Project Location	Lea C	Lea County, NM		Due Date:							-							E C	HCI HC	H S	HNO": HN
Sampler's Name:	Cla	Clayton T		TAT starts the	TAT starts the day received by the	the												Ť:	H-SOL: H-	Z	NaOH: Na
PO #:				Iab, IT recei	lab, if received by 4.50pm	ers		_	CL-B									I.	PO. HP		
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	imet			5000										NaHSO4: NABIS	ABIS	
Received Intact:	X	No	Thermometer ID:	ler ID:	to vo	1	X (80	H (80	IDE 4						_			HO	Na2S2O3: NaSO3	laSO ₃	
Cooler Custody Seals.	cal	TIM ON	Tomporature Deal	Tomocrature Deading	210:		BT	-	LO		-			-				Z	Zn Acetate+NaOH: Zn	+NaOH:	Zn
Total Containers:			Corrected 1	Corrected Temperature:	2.9:				с					-				Z			0.01
Sample	Depth (ft bgs)	Date	Time	Soil	Water Co	Grab/ # of Comp Cont	ont of													Sample Comments	nment
C.S-41	Surface	2/27/2025		×	Co	-	1	X X	×		-			+	+			-	4		
CS-42	Surface	2/27/2025		×	Co	Comp	1	-	+		+		-	+	+	T		+	40		
CS-43	Surface	2/27/2025		×	Co	Comp	1	-	+		┝	T	_	+	+	T		+	j,		
CS-44	Surface	2/27/2025		×	Co	Comp	1	+	+		+	t		+	+			+	24		
CS-45	Surface	2/27/2025		×	Co	Comp	-	××	+		┝	T	Ļ	+	+	t		\downarrow	111		
CS-46	Surface	2/27/2025		×	C		-	+	+		+	\uparrow		+	+	t		+	-		
CS-47	Surface	2/27/2025		×	C	Γ	-	+	+		+	t		+	+	T			5		
CS-48	Surface	2/27/2025		×	0	T	-	+	+		+	\dagger		+	+	T			E		
CS-49	Surface	2/27/2025		×	0	Comp	+	+	+		+	t		+	+	1		1	S		
CS-50	Surface	2/27/2025		×	6	Grab	1	XXX	×					╟	╟				00		
Addit	Additional Comments:		BTA Mai	ntenance N	BTA Maintenance Number: 20033	33															
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 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 Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions for service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. Xenco will be enforced unless previously negotiated.	is document and reling be liable only for the cc	uishment of sam) ost of samples and	ples constitut d shall not as	tes a valid purch sume any respo	ase order from cl nsibility for any lo reach sample sut	lient compa osses or ex bmitted to X	ny to Xen penses in (enco, but	co, its afficurred b	iliates and y the clien yzed. The	subcontr t if such lo se terms w	actors. It a sses are d ill be enfo	assigns st lue to circ rced unle	assigns standard terms and conditions due to circumstances beyond the contro prced unless previously negotiated.	rms and s beyond sly negot	condition the contr iated.	ols					
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Work Order No: H& SILUL

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Revised Date 05012020 Rev. 2020 1		0 4				2 and	avia	- Cla	127	3
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Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Date	ſe)	Received by: (Signature)	Receiv	:	v: (Signature)	Palinnuished
	nd the control gotiated.		urred by the client not analyzed. These	A Xenco, but n	ibility for any losses or ach sample submitted to	assume any respons a charge of \$5 for ea	and shall not ch project and	ost of samples applied to each	s document and relind e liable only for the cu harge of \$85.00 will b	Notice: Signature of the of service. Xenco will b
	nd conditions	subcontractors. It assigns standard terms and conditions	b, its affiliates and	pany to Xenco	e order from client com	hites a valid nurchas	moles constit	in the set of set		Financial data in the state of samples constitutes a valid nurchase order from client company to Xenco, its affiliates and subcontractors.
					nber: 20033	BTA Maintenance Number: 20033	BTA Ma	s:	Additional Comments:	Additi
			XX	1 ×	Grab	×	5	2/27/2025	Surface	CS-60
	5		×	1 ×	Comp	×	5	2/27/2025	Surface	CS-59
			×	1 ×	Comp	×	5	2/27/2025	Surface	CS-58
	32		×	1 ×	Comp	×	5	2/27/2025	Surface	CS-57
	Su		×	1 ×	Comp	×	01	2/27/2025	Surface	CS-56
	SS		X X	1 ×	Comp	×	01	2/27/2025	Surface	CS-55
			××	1 X	Comp	×	01	2/27/2025	Surface	CS-54
	1 5		××	1 ×	Comp	×	0	2/27/2025	Surface	CS-53
	1		×	1 ×	Comp	×	5	2/27/2025	Surface	CS-52
	5		×	1 ×	Comp	×	0.	2/27/2025	Surface	CS-51
Sample Comments	S			# of Cont	Water Comp	Soil	Time	Date	Depth (ft bgs)	Sample
			(2.4.1	Corrected Temperature:	Corrected	70		Total Containers:
NaOH+Ascorbic Acid: SAPC	NaOH+			E	DÉ	Temperature Reading:	Tempera	NO NIA	Yes	Sample Custody Seals:
Zn Acetate+NaOH: Zn					10.5.	n Factor:	Correction Factor:	NO N/A	Yes	Cooler Custody Seals:
Narson- Nason	HOLINARO		(801 DE 4		40	leter ID:	Thermometer ID:	No		Received Intact:
HP			5M) 500C	met 21B)	Yes No	Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
			L-B		ed by 4:30pm	lab, if received by 4:30pm				PO #:
					y received by the	TAT starts the day received by the		Clayton T	С	Sampler's Name:
	Cool: Cool					Due Date:		Lea County, NM	Lea (Project Location
	None: NO			Code	Rush	✓ Routine		249315	N	Project Number:
ervativ	Pr	ANALYSIS REQUEST		Dene		Turn Around	V-P #002	al B 8016 J\	Maddox Federal B 8016 JV-P #002	Project Name:
Curve.				ă	Email: ksmith@ntglobal.com	Email: k			(832) 374-0004	Phone:
			Midland, TX 79701	Midl	City, State ZIP:	0		OK 73142	Oklahoma City, OK 73142	City, State ZIP:
			104 S Pecos St	104	Address:	A		thur Blvd	13212 N MacArthur Blvd	Address:
	Program: USI/PSIPRFprowillieusPNV		BTA Oil Producers	BTA	Company Name:	0		ntal	NTG Environmental	Company Name:
- 1			Ray Ramos	Кау	Bill to: (if different)	B			Kellan Smith	Project Manager:
	Work Order Comments			2						
a 6	Paa								ENVIRONMENTAL	
Anic	Work Order No: TADILLY									
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Chain of Custody

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CS-67 Surface 2/27/2025 X Comp 1 X X X CS-68 Surface 2/27/2025 X Comp 1 X X X X CS-69 Surface 2/27/2025 X Comp 1 X X X X CS-70 Surface 2/27/2025 X Grab 1 X <th>CS-67 Surface 2/27/2025 X Comp 1 X X X CS-68 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Grab 1 X X X Image: CS-69 Surface 2/27/2025 X Grab 1 X X X Image: CS-69 Surface 2/27/2025 X Grab 1 X X X Image: CS-69 Surface 2/27/2025 X Grab 1 X X X Image: CS-69</th> <th>CS-67 SU CS-68 SU CS-70 SU CS-70 SU Additional C</th> <th></th> <th></th> <th>_</th> <th></th> <th></th> <th>_</th> <th></th> <th></th> <th>CS-63 Su</th> <th>CS-62 Su</th> <th>-</th> <th>Sample Depth</th> <th>Total Containers:</th> <th>Sample Custody Seals:</th> <th>Cooler Custody Seals:</th> <th>Received Intact:</th> <th>SAMPLE RECEIPT</th> <th>PO #</th> <th>Sampler's Name:</th> <th>Project Location</th> <th>er.</th> <th>Project Name: Maddu</th> <th>Phone: (0.02/ 0</th> <th>ale Lir.</th> <th></th> <th></th> <th></th> <th>Project Manager Kellan Smith</th> <th>ENVIRONMENTAL</th>	CS-67 Surface 2/27/2025 X Comp 1 X X X CS-68 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Comp 1 X X X Image: CS-69 Surface 2/27/2025 X Grab 1 X X X Image: CS-69 Surface 2/27/2025 X Grab 1 X X X Image: CS-69 Surface 2/27/2025 X Grab 1 X X X Image: CS-69 Surface 2/27/2025 X Grab 1 X X X Image: CS-69	CS-67 SU CS-68 SU CS-70 SU CS-70 SU Additional C			_			_			CS-63 Su	CS-62 Su	-	Sample Depth	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO #	Sampler's Name:	Project Location	er.	Project Name: Maddu	Phone: (0.02/ 0	ale Lir.				Project Manager Kellan Smith	ENVIRONMENTAL
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2/27/2025 2/27/2025 2/27/2025 2/27/2025 2/27/2025 2/27/2025 2/27/2025 2/27/2025	2/27/2025 2/27/2025 2/27/2025 2/27/2025 2/27/2025 2/27/2025 2/27/2025 10 cm of same	2/27/2025 2/27/2025 2/27/2025 2/27/2025 2/27/2025	2/27/2025 2/27/2025 2/27/2025 2/27/2025 2/27/2025	2/27/2025 2/27/2025 2/27/2025 2/27/2025	2/27/2025 2/27/2025 2/27/2025	2/27/2025	C70711717		2/27/2025	2/27/2025	2/27/2025	2/27/2025	2/27/2025	Date) N/A	NA				Clayton T	Lea County, NM	249315	Maddox Federal B 8016 JV-P #002			K 73142	ır Blvd	al		
BTA Main BTA Main project and a c	BTA Main	BTA Main												Time	Corrected Temperature:	Temperature Reading:	Correction Factor	Thermometer ID:	Yes No		-	D		#002							
STA Maintenance Numt is constitutes a valid purchase o shall not assume any responsibil oject and a charge of \$5 for each	tenance Nu s a valid purcha ume any respon	tenance Nu		×	×	×	×	×	×	×	×	×	×	Soil	emperature:	Reading:	actor:	r ID:	Wet Ice:	lab, it receiv	AT starts the d	Due Date:	✓ Routine	Turn		Fmail [.]	0	P	0	B	
ase order from on naibility for any each sample su	ase order from on the second s		BTA Maintenance Number: 20033				0	0	0	C	0	0	C	Water c	di4	30,6	たい	040	Yes No	ved by 4: supri	TAT starts the day received by the		Rush	Turn Around		Email: ksmith@ntolobal.com	City, State ZIP	Address:	Company Name	Bill to: (if different)	
client company losses or exp ubmitted to Xe	client company losses or expr ubmitted to Xe		33	Grab 1	T			Comp 1	Comp 1	Comp 1	T		Comp 1	Grab/ # of Comp Cont			-	Para	imet		the		Code	Pres.		lobal.com	.P		ne:	nt)	
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Time		its affiliate red by the t analyzed		>	< >	< ×	×	×	×	×	×	+	+						15M)				+	-			nd, TX 79701	104 S Pecos St	BTA Oil Producers	amos	
	_	s and subco client if suc . These term			< >	< >	< ×	×	×	×	×	×	× ×			CHL	ORI	DE 4	5000	JL-B				-			9701	St	lcers		
CIII Iquioi	Pelinauished	h losses are will be en			1	-	1				-	-	-										-	-	ANAL						
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		s and cond eyond the c negotiated			1	1	1				1					1					_		ļ		-	Deliverables: EDD	rting:Leve	State of Project.	ram: UST		
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Uy. 1019.	hy /Sign				-	-	+	+	+	+	_		-					но	D		_		-			ADa			RP Brov	Work Order Comments	
	ature)				35	100	100	AN AN		int int	AND NO	in o	101	S S		NaOH+	Zn Acet			H. PO. HP	H-SO.: H-	HCI - HC		NONE: NO	Pr	ADaP1 L			vnfields	Commer	Dag
							×							ample C		NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO4: MABIS	HP ×				ō	eservativ	Uther.			RRC	nts	e7_
	Date/Time													Sample Comments		Acid: SAP	H: Zn				NaOH: Na	HNO HN		DI Water: H ₂ O	Preservative Codes						of 7

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Work Order No: HASILUL

Chain of Custody

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A NTG ENVIRONMENTAL

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

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QUESTIONS

Action 468021

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

QUESTIONS

Prerequisites	
nJXK1617631317	
NJXK1617631317 MADDOX FEDERAL B 8016 JV-P #002 @ 30-025-30128	
Oil Release	
Remediation Closure Report Received	
[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.	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

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QUESTIONS, Page 2

Action 468021

QUESTIONS (continued)		
Operator:	OGRID:	
BTA OIL PRODUCERS, LLC	260297	
104 S Pecos Midland, TX 79701	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 10 15 27 NMAC (05/25/2021) venting and/or flaring of natural gas (i.e.	and a relief are to be submitted on the C 120 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 or 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	

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS (continued)

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	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 an	nd 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 remediatio	n plan approval with this submission	Yes
Attach a comprehensive report of	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 verti	cal 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 CI 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 NMA 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 sur	face area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated 0		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.

QUESTIONS, Page 3

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

QUESTI	ONS (continued)
Operator: BTA OIL PRODUCERS, LLC	OGRID: 260297
104 S Pecos Midland, TX 79701	Action Number: 468021
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	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.
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed ef which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
to report and/or file certain release notifications and perform corrective actions for relea the OCD does not relieve the operator of liability should their operations have failed to a	snowledge and understand that pursuant to OCD rules and regulations all operators are required uses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Ray Ramos Title: Environmental Manager Email: rramos@btaoil.com Date: 02/12/2025

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

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QUESTIONS, Page 5

Action 468021

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

QUESTIONS

Deferral Requests Only		
nly answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.		
Requesting a deferral of the remediation closure due date with the approval of this submission	Νο	

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

QUESTIONS, Page 6

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QUESTIONS (continued)	
	OGRID:

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

Only answer the questions in this group if seeking remediation closure for this release because all r	emediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	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.	
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of	
to report and/or file certain release notifications and perform corrective actions for relea- the OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 repor	knowledge and understand that pursuant to OCD rules and regulations all operators are required isses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or ially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed ng notification to the OCD when reclamation and re-vegetation are complete.	
	Name: Noah Tinker	

I hereby agree and sign off to the above statement	Name: Noan Tinker
	Title: Engineer
Thereby agree and sign on to the above statement	Email: ntinker@btaoil.com
	Date: 05/28/2025

General Information Phone: (505) 629-6116

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

QUESTIONS (continued)

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

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

CONDITIONS

Created By		Condition Date
scwells	None	6/5/2025

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