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February 7, 2025

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Site Characterization and Remediation Work Plan
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

On behalf of BTA Oil Producers (BTA), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Remediation Work Plan for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico to document site assessment, remedial action activities, and sample analysis results for incident ID: nJXK1617631317 – 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 in Figure 1 and the topography of the area is shown in Figure 2.

Background

Incident nJXK1617631317: Based on the initial C-141 submitted by BTA and obtained by the New Mexico Oil Conservation District (NMOCD), the release was discovered on June 9, 2016, and was the result of a lightning strike, resulting in the release of 235 barrels (bbls) of crude oil, of which zero (0) bbls were recovered. Upon discovery, all associated wells were shut in, and the area was secured. The release area is shown in Figure 3.

Groundwater and Site Characterization

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

Mr. Mike Bratcher
 February 7, 2025
 Page 2 of 3

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)

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

Initial Soil Delineation Assessment Summary and Findings

On January 23, 2025, NTGE conducted site assessment activities to assess the extent of impacts at the Site. Seven (7) vertical sample points (V-1 through V-7) were installed within the release area and seven (7) horizontal sample points (H-1 through H-7) were installed adjacent to the release area to vertically and horizontally characterize the impacts. Vertical soil samples were collected at one (1) foot intervals from depths ranging from zero (0) to five and a half (5.5) ft below ground surface (bgs), and horizontal soil samples were collected at zero to half a foot (0-0.5') increments with a geotechnical hand auger. The auger was decontaminated with Alconox® and deionized water between sample points to prevent cross contamination. Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) (Method SW846 8021B), total petroleum hydrocarbon (TPH) (Method SW846 8015B), and chloride (method EPA 4500CL-B). Analytical results indicated that BTEX, TPH, and chloride concentrations were below the NMOCD regulatory limits at all vertical and horizontal samples.

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

Mr. Mike Bratcher
February 7, 2025
Page 3 of 3

Proposed Work Plan

After receiving and evaluating the soil boring data NTGE proposes to final confirmation sample the site to ensure that there are no impacted soils. Approximately seventy (70) confirmation samples will be collected at the surface and transported to an accredited lab for analysis. The proposed confirmation sample map is shown in Figure 4.

Confirmation samples will be taken with a five (5) point composite sample and represent an area no more than 200 square feet to comply with NMAC 19.15.23.12 and 19.15.29.13. Discrete soil samples will be collected at the surface from both the outer perimeter and within the release area. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by EPA Method 8015B Modified and chloride by SM4500 Cl-B. If any of the confirmation samples collected exhibit concentrations above regulatory standards set by NMAC 19.15.23.12 and 19.15.23.13, the areas will be excavated until concentrations are below Table I Closure Criteria.

If you have any questions regarding this letter, please contact us at (832) 374-0004.

Sincerely,
NTG Environmental



Kellan Smith
Project Manager

Attachments:

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

Tables

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	BTEX (mg/kg)	TPH					Chloride (mg/kg)
								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (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			
Vertical Delineation Samples													
V-1	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	01/23/25	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
V-2	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
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	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
V-3	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
	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-4	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
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	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	<16.0
V-6	01/23/25	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	01/23/25	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

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Maddox Federal B 8016 JV-P #002
BTA Oil Producers
Lea County, New Mexico

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								GRO (C6-C10) (mg/kg)	DRO (C10-C28) (mg/kg)	GRO + DRO (C6-C28) (mg/kg)	MRO (C28-C35) (mg/kg)	Total GRO/DRO/MRO (C6-C35) (mg/kg)	
								Table I Closure Criteria for Soil ≤50 feet Depth to Groundwater 19.15.29 NMAC					
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
V-7	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	01/23/25	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	01/23/25	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
01/23/25	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
Horizontal Delineation Samples													
H-1	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-2	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
H-3	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-4	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-5	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
H-6	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
H-7	01/23/25	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16

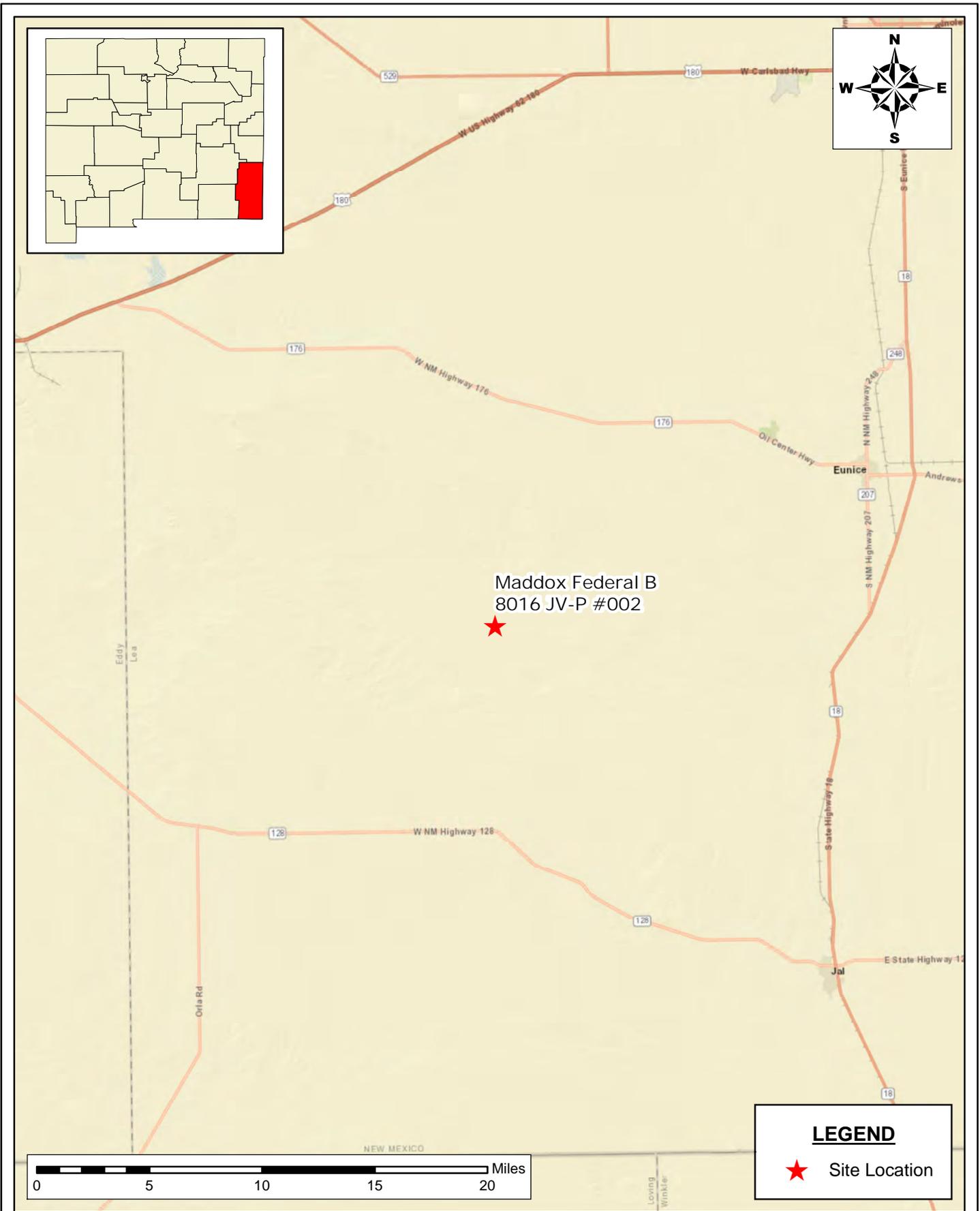
Notes:

- 1. Values reported in mg/kg
- 2. < = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

SP-4 Sample Point Excavated

Figures

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\BTA\RSC\249315 - MADDOX FEDERAL B 8016 JV-P #002\7 - Figures\GIS\Figure_1_SL.mxd



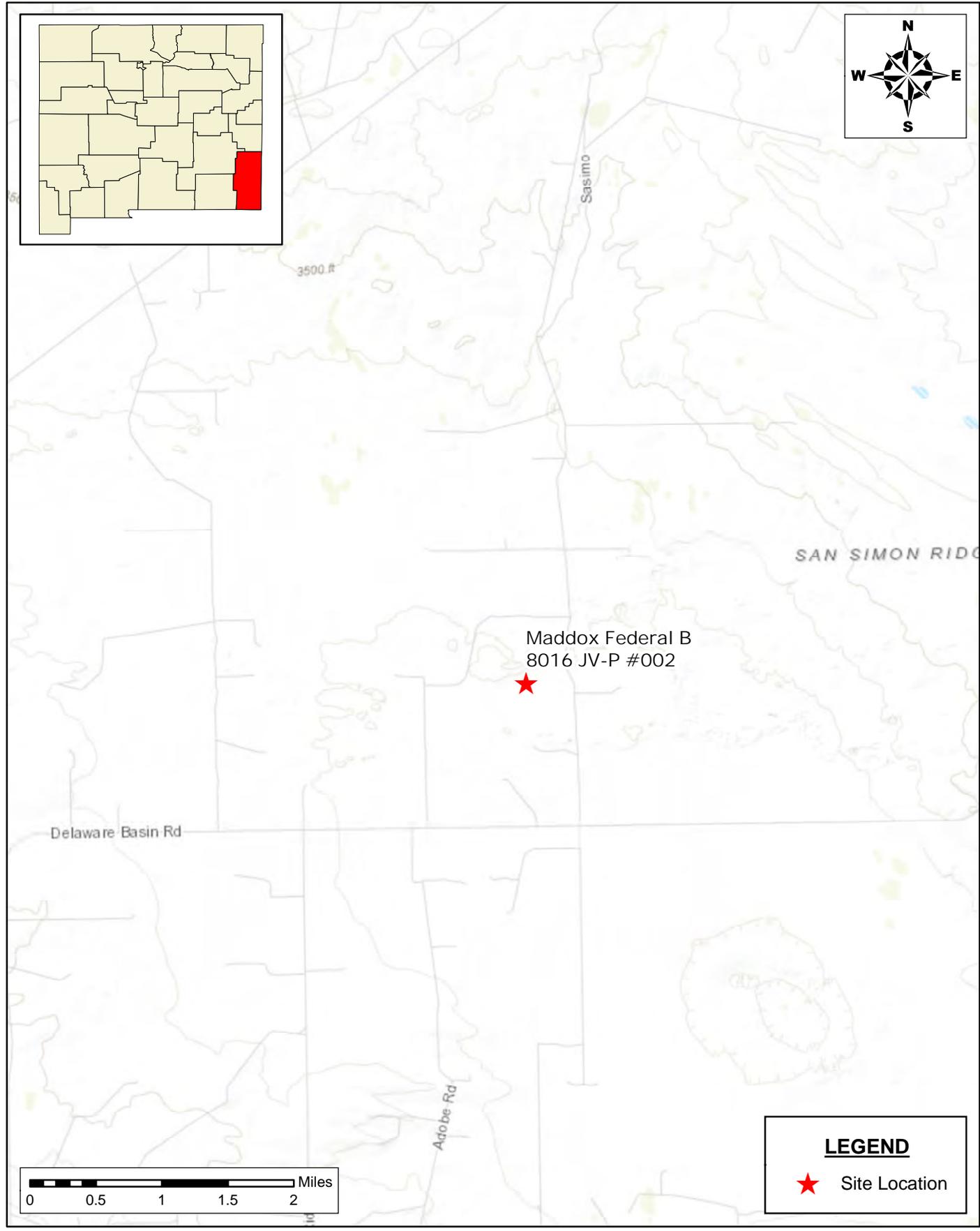
SITE LOCATION MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
 BTA OIL PRODUCERS, LLC
 MADDOX FEDERAL B 8016 JV-P #002
 LEA COUNTY, NEW MEXICO
 32.342252, -103.44326

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

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

DRAWING NUMBER:
FIGURE 1
 SHEET NUMBER:
1 of 1

Document Path: C:\Users\ntg\gis\New Tech Global\NTGE - Documents\NTGE - Projects\2024 PROJECTS\BTA\RSC\249315 - MADDOX FEDERAL B 8016 JV-P #002\7 - Figures\GIS\Figure_2_TOPO.mxd



TOPOGRAPHIC MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
 BTA OIL PRODUCERS, LLC
 MADDOX FEDERAL B 8016 JV-P #002
 LEA COUNTY, NEW MEXICO
 32.342252, -103.44326

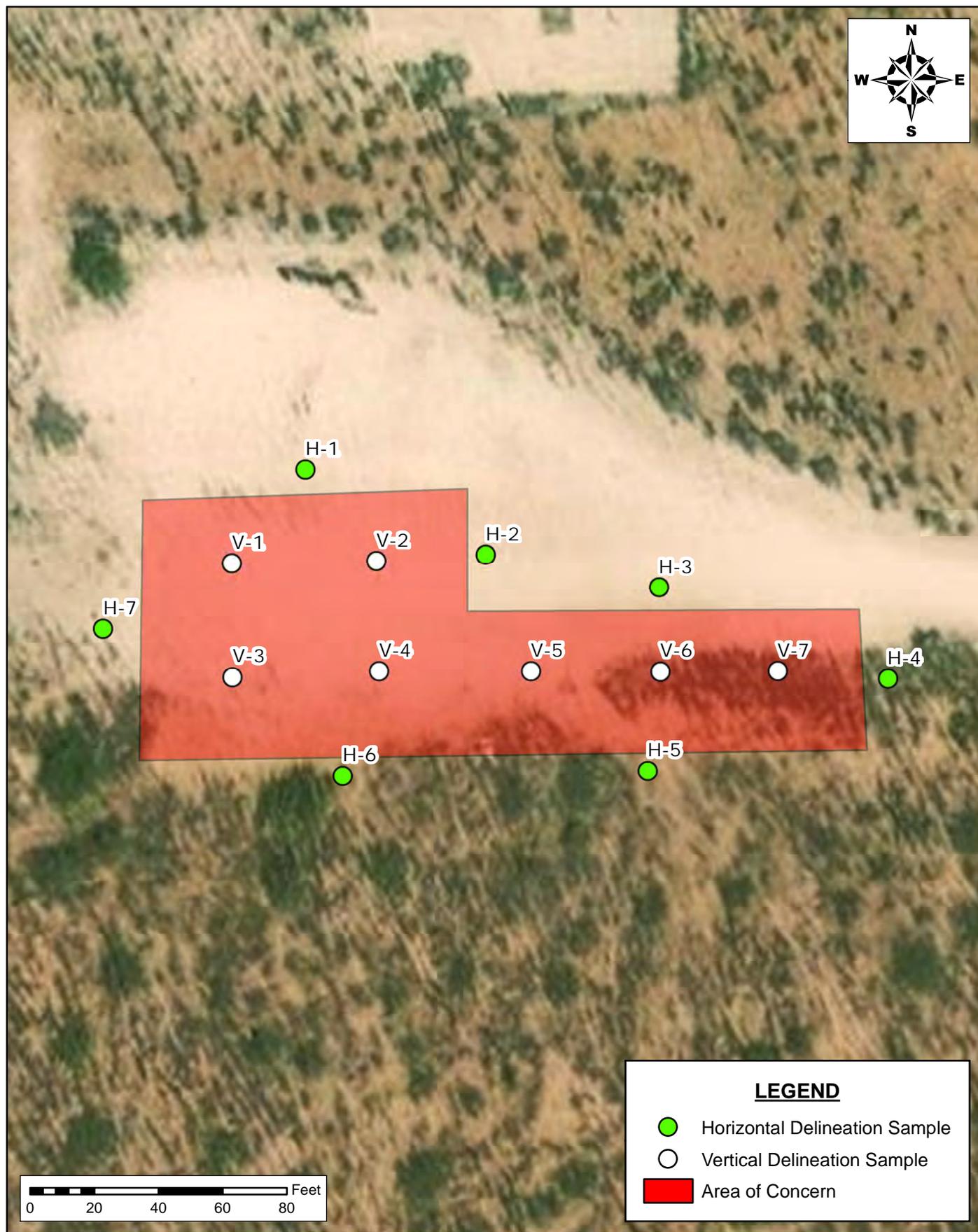
SCALE: As Shown Date: 2/6/2025 PROJECT #: 249315


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NOTES:
 1. Base Image: ESRI Maps & Data 2013
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FIGURE 2
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LEGEND

- Horizontal Delineation Sample
- Vertical Delineation Sample
- Area of Concern

**DELINEATION SAMPLE MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN**
 BTA OIL PRODUCERS, LLC
 MADDOX FEDERAL B 8016 JV-P #002
 LEA COUNTY, NEW MEXICO
 32.342252, -103.44326


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DRAWING NUMBER:
FIGURE 3
 SHEET NUMBER:
1 of 1

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LEGEND

○ Surface Confirmation Sample

■ Confirmation Sample Area

CONFIRMATION SAMPLE MAP
SITE CHARACTERIZATION AND REMEDIATION WORKPLAN
 BTA OIL PRODUCERS, LLC
 MADDOX FEDERAL B 8016 JV-P #002
 LEA COUNTY, NEW MEXICO
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NOTES:
 1. Base Image: ESRI Maps & Data 2013
 2. Map Projection: NAD 1983

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FIGURE 4
 SHEET NUMBER:
1 of 1

Site Characterization Information

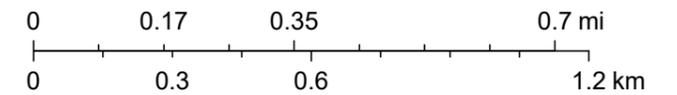
OCD Oil and Gas Map



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

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

1:18,056

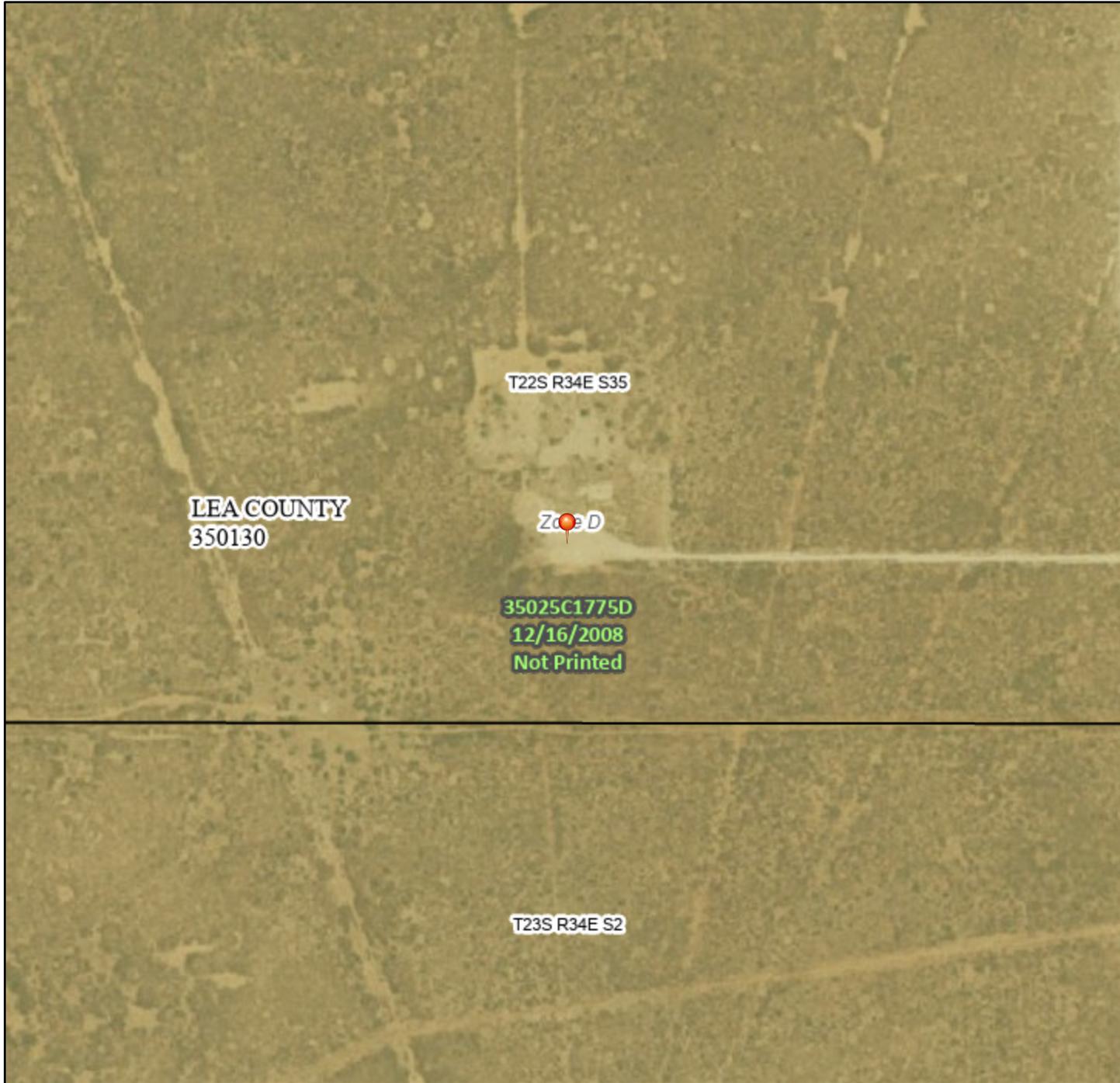


BLM, OCD, New Mexico Tech, USGS, Esri, HERE, Garmin, iPC, Maxar, NM OSE

National Flood Hazard Layer FIRMette



103°26'55"W 32°20'48"N



Legend

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

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
 - OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
 - OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
 - GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

0 250 500 1,500 2,000 Feet

1:6,000

103°26'17"W 32°20'17"N

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

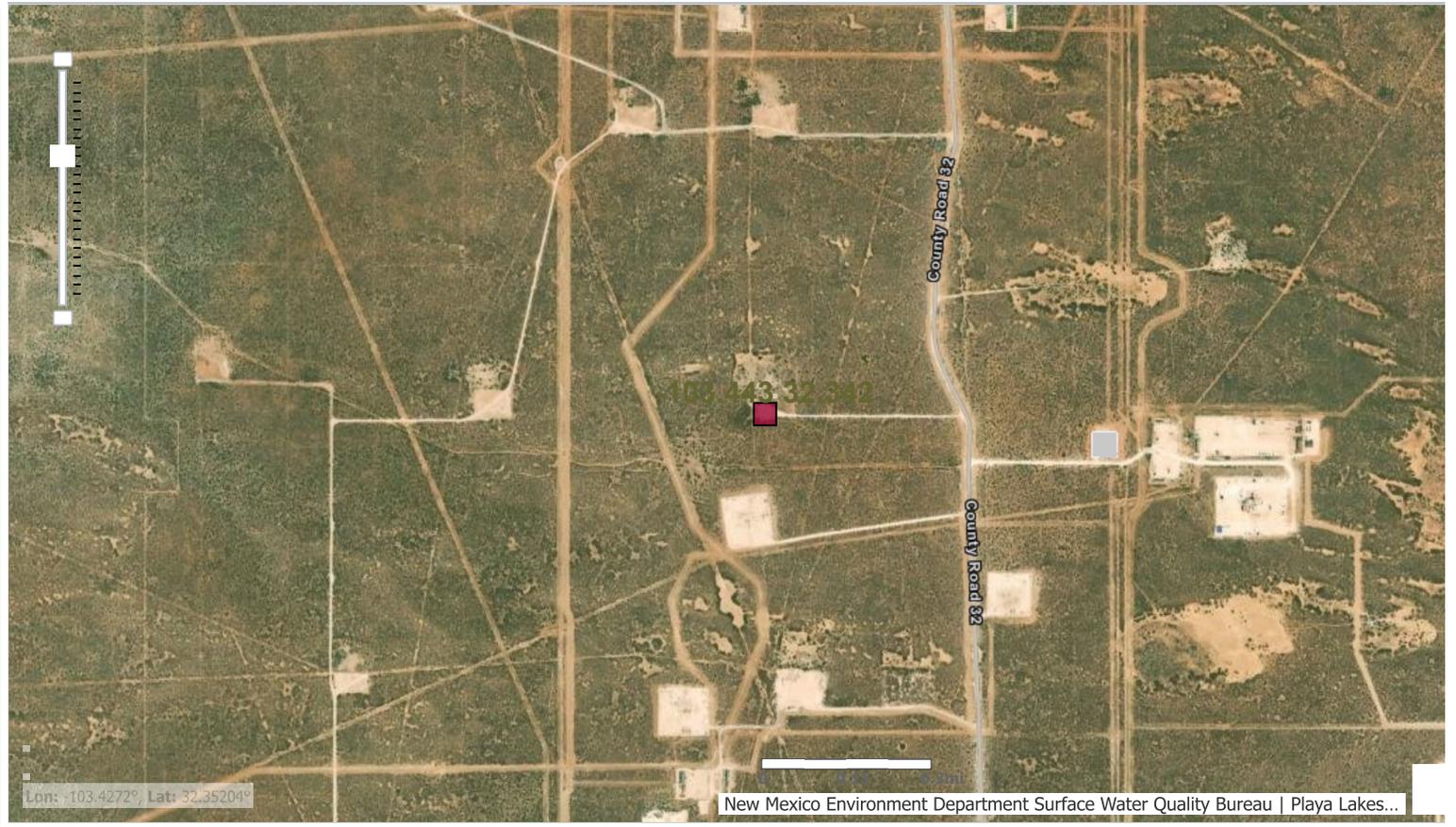
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/6/2025 at 10:25 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Legend Basemap Query

1:18,056

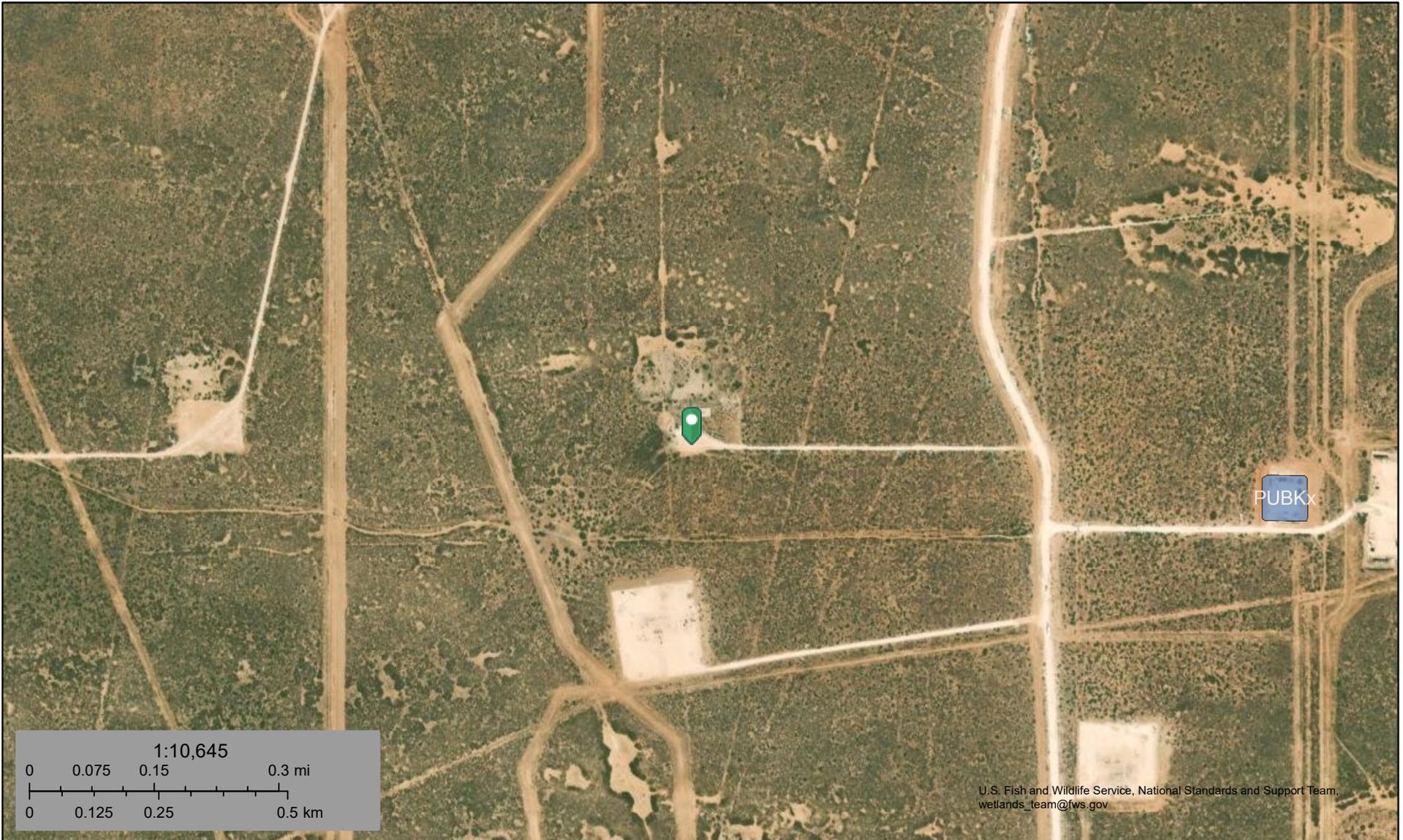
- Riverine
- Hydrogeomorphic Mapping (HGM) Polygons
 - Depressional
 - Flats
 - Lacustrine Fringe
 - Riverine
 - Slope
- Landscape Position and Water Body (LLWW) Linears
- Landscape Position and Water Body (LLWW) Polygons
- Landform (LLWW) NWI Linears
- Palustrine Emergent (PEM)
- Palustrine Forested (PFO)
- Palustrine Rock Bottom (PRB)
- Palustrine Scrub Shrub (PSS)
- Palustrine Unconsolidated (PUB, PUS)
- Riverine (R2, R3, R4)
- NWI Polygons
 - Lacustrine (L1, L2)
 - Palustrine Aquatic Bed (PAB)
 - Palustrine Emergent (PEM)
 - Palustrine Forested (PFO)
 - Palustrine Rock Bottom (PRB)
 - Palustrine Scrub Shrub (PSS)
 - Palustrine Unconsolidated (PUB, PUS)
 - Riverine (R2, R3, R4)
- Aquatic Invertebrate Habitat (AIH) Linears
- Aquatic Invertebrate Habitat (AIH)





U.S. Fish and Wildlife Service
National Wetlands Inventory

Maddox Federal B 8016 JV-P #002



February 6, 2025

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

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

Photographic Log

PHOTOGRAPHIC LOG

BTA Oil Producers

Maddox Federal B 8016 JV-P #002

Photograph No. 1

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities



Photograph No. 2

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities



Photograph No. 3

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities



PHOTOGRAPHIC LOG

BTA Oil Producers

Maddox Federal B 8016 JV-P #002

Photograph No. 4

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities



Photograph No. 5

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities



Photograph No. 6

Facility: Maddox Federal B 8016 JV-P #002

County: Lea County, New Mexico

Description:
View of Initial Assessment Activities



Laboratory Reports and Chain-of-Custody Documents



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

January 29, 2025

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

RE: MADDOX FEDERAL B 8016 JV-P #002

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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		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) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2025	ND	214	107	200	4.52	
DRO >C10-C28*	<10.0	10.0	01/25/2025	ND	182	91.2	200	1.13	
EXT DRO >C28-C36	<10.0	10.0	01/25/2025	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	2.08	104	2.00	2.76	
Toluene*	<0.050	0.050	01/24/2025	ND	2.13	106	2.00	3.14	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	2.15	107	2.00	3.32	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	6.53	109	6.00	3.13	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/28/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56		
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441		
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56		
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441		
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931		
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02		
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34		
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32		
Total BTEX	<0.300	0.300	01/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56		
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441		
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/24/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/24/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/24/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/24/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/24/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/25/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/25/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/25/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/25/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/25/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/25/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2025	ND	204	102	200	2.56	
DRO >C10-C28*	<10.0	10.0	01/25/2025	ND	205	103	200	0.441	
EXT DRO >C28-C36	<10.0	10.0	01/25/2025	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/25/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/25/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/25/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/25/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/25/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/25/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/25/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2025	ND	1.92	95.9	2.00	0.931	
Toluene*	<0.050	0.050	01/25/2025	ND	2.01	100	2.00	1.02	
Ethylbenzene*	<0.050	0.050	01/25/2025	ND	1.93	96.4	2.00	1.34	
Total Xylenes*	<0.150	0.150	01/25/2025	ND	5.63	93.9	6.00	1.32	
Total BTEX	<0.300	0.300	01/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19		
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND						

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19		
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND						

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 49.1-148

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Analytical Results For:

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

Received:	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Analytical Results For:

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

Received:	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	01/23/2025	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		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220	
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494	
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88	
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98	
Total BTEX	<0.300	0.300	01/27/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19	
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16	
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2025	ND	1.94	96.9	2.00	0.220		
Toluene*	<0.050	0.050	01/27/2025	ND	1.99	99.5	2.00	0.494		
Ethylbenzene*	<0.050	0.050	01/27/2025	ND	1.88	93.8	2.00	1.88		
Total Xylenes*	<0.150	0.150	01/27/2025	ND	5.67	94.4	6.00	1.98		
Total BTEX	<0.300	0.300	01/27/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/27/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/24/2025	ND	210	105	200	3.19		
DRO >C10-C28*	<10.0	10.0	01/24/2025	ND	204	102	200	3.16		
EXT DRO >C28-C36	<10.0	10.0	01/24/2025	ND						

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H850420

Page 2 of 5

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

Bill to: (if different)
 Company Name: Ray Ramos
 Address: BTA Oil Producers
 City, State ZIP:

Work Order Comments
 Program: USTR/PST PRP Brownfields RRC upfund
 State of Project:
 Reporting Level II Level III PST/UST RRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name: Maddox Federal B 8016 JV-P #002
 Project Number: 249315
 Project Location: Lea County, NM
 Sampler's Name: Kenny Han
 PO #:

Turn Around: Routine Rush
 Due Date:
 TAT starts the day received by the lab, if received by 4:30pm

Temp Blank: Yes No
 Thermometer ID: #140
 Correction Factor: -0.6°C
 Temperature Reading: 8.1°C
 Corrected Temperature: 2.5°C

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

ANALYSIS REQUEST

Preservative Codes
 None: NO DI Water: H₂O
 Cool: Cool MeOH: Me
 HCL: HC HNO₃: HN
 H₂SO₄: H₂ NaOH: Na
 H₃PO₄: HP
 NaHSO₄: NABIS
 Na₂S₂O₃: NaSO₃
 Zn Acetate+NaOH: Zn
 NaOH+Ascorbic Acid: SAPC

Additional Comments: NIMCOD ID: NJXK1617631317

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Relinquished by: (Signature) [Signature] Date/Time 1-23-25 1405

Received by: (Signature) [Signature] Date/Time



Chain of Custody

Work Order No: HESD420

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

Bill to: (if different)
 Company Name: Ray Ramos
 Address: BTA Oil Producers
 City, State ZIP:

Page 3 of 5

Work Order Comments
 Program: UST/PST PRP Brownfields RRC Iupfund
 State of Project:
 Reporting Level II Level III PST/UST RRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name: Maddox Federal B 8016 JV-P #002
 Project Number: 249315
 Project Location: Lea County, NM
 Sampler's Name: Kenny Han
 PO #: [Redacted]

Turn Around: Routine Rush
 Due Date: TAT starts the day received by the lab. If received by 4:30pm

Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 49

ANALYSIS REQUEST

Parameters	BTX (8021B)	TPH (8015M)	CHLORIDE 4500CL-B
Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Thermometer ID:	#140	-0.02	8.12
Correction Factor:			9.52
Temperature Reading:			
Corrected Temperature:			

Preservative Codes
 None: NO DI Water: H₂O
 Cool: Cool MeOH: Me
 HCL: HC HNO₃: HN
 H₂SO₄: H₂ NaOH: Na
 H₃PO₄: HP
 NaHSO₄: NABIS
 Na₂S₂O₃: NaSO₃
 Zn Acetate+NaOH: Zn
 NaOH+Ascorbic Acid: SAPC

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

Additional Comments: NMOCD ID: nJXK1617631317

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



Chain of Custody

Work Order No: H250400

Project Manager:	Kellan Smith	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil Producers
Address:	13212 N MacArthur Blvd	Address:	
City, State ZIP:	Oklahoma City, OK 73142	City, State ZIP:	
Phone:	(580) 682-1889	Email:	ksmith@ntglobal.com
Project Name:	Maddox Federal B 8016 JV-P #002	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	299315	Due Date:	
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kenny Han	Temp Blank:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
PO #:		Thermometer ID:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

ANALYSIS REQUEST

Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: Level II Level III PST/UST RRP Level IV
 Deliverables: EDD ADAPT Other:

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters				Pres. Code	Sample Comments
								BTEX (8021B)	TPH (8015M)	CHLORIDE 4500CL-B	HOLD		
V-6	0-6"	1/23/2025		X		Grab	1	X	X	X			
V-6	1-1.5	1/23/2025		X		Grab	1	X	X	X			
V-6	2-2.5	1/23/2025		X		Grab	1	X	X	X			
V-6	3-3.5	1/23/2025		X		Grab	1	X	X	X			
V-6	4-4.5	1/23/2025		X		Grab	1	X	X	X			
V-6	5-5.5	1/23/2025		X		Grab	1	X	X	X			
V-7	0-6"	1/23/2025		X		Grab	1	X	X	X			
V-7	1-1.5	1/23/2025		X		Grab	1	X	X	X			
V-7	2-2.5	1/23/2025		X		Grab	1	X	X	X			
V-7	3-3.5	1/23/2025		X		Grab	1	X	X	X			

Additional Comments: **NMOCID ID: NJXK1617631317**

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	1-23-25 14:52			



Chain of Custody

Work Order No: H250420

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

Bill to: (if different)
 Company Name: Ray Ramos
 Address: BTA Oil Producers
 City, State ZIP:

Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: Level II Level III ST/UST RRP Level IV
 Deliverables: EDD ADAPT Other:

Project Name: Maddox Federal B 8016 JV-P #002
 Project Number: 249315
 Project Location: Lea County, NM
 Sampler's Name: Kenny Han
 PO #:

Turn Around: Routine Rush
 Due Date:
 TAT starts the day received by the lab, if received by 4:30pm

Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: 49

Work Order Comments: RRC Superfund
 Reporting Level: Level II Level III ST/UST RRP Level IV
 Deliverables: EDD ADAPT Other:

Preservative Codes:
 None: NO
 DI Water: H₂O
 Cool: Cool
 MeOH: Me
 HCL: HC
 HNO₃: HN
 H₂SO₄: H₂
 NaOH: Na
 H₃PO₄: HP
 NaHSO₄: NABIS
 Na₂S₂O₅: NASO₅
 Zn Acetate+NaOH: Zn
 NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
								BTEX (8021B)	TPH (8015M)	CHLORIDE 4500CL-B	
V-7	4-4.5	1/23/2025		X		Grab	1	X	X	X	
V-7	5-5.5	1/23/2025		X		Grab	1	X	X	X	
H-1	0-6"	1/23/2025		X		Grab	1	X	X	X	
H-2	0-6"	1/23/2025		X		Grab	1	X	X	X	
H-3	0-6"	1/23/2025		X		Grab	1	X	X	X	
H-4	0-6"	1/23/2025		X		Grab	1	X	X	X	
H-5	0-6"	1/23/2025		X		Grab	1	X	X	X	
H-6	0-6"	1/23/2025		X		Grab	1	X	X	X	
H-7	0-6"	1/23/2025		X		Grab	1	X	X	X	

Additional Comments: NMOCD ID: NJXK1617631317

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Relinquished by: (Signature) Kenny Han Received by: (Signature) [Signature] Date/Time: 1-23-25 14:52

Relinquished by: (Signature) [Signature] Received by: (Signature) [Signature] Date/Time: 6

Sante Fe Main Office
Phone: (505) 476-3441

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

Action 431431

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 431431
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	MADDOX FEDERAL B 8016 JV-P #002
Date Release Discovered	06/09/2016
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
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	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 431431

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 431431
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

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	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Ray Ramos Title: Environmental Manager Email: rramos@btaoil.com Date: 02/12/2025
--	---

Sante Fe Main Office
Phone: (505) 476-3441

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QUESTIONS, Page 3

Action 431431

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 431431
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	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
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	02/24/2025
On what date will (or did) the final sampling or liner inspection occur	02/24/2025
On what date will (or was) the remediation complete(d)	02/24/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	0
What is the estimated volume (in cubic yards) that will be remediated	0
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 431431

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 431431
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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.

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 efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I 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
--	---

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 431431

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 431431
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 431431

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 431431
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 431431

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 431431
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved. Submit remediation closure report to the OCD by May 19, 2025.	2/17/2025