

<b>Spill Volume(Bbls) Calculator</b>		
<i>Inputs in blue, Outputs in red</i>		
Length(Ft)	Width(Ft)	Depth(In)
900.000	5.000	3.500
Cubic Feet Impacted		1312.500
Barrels		233.75
Soil Type		Clay/Sand
Bbls Assuming 100% Saturation		35.06
Saturation	Fluid present when squeezed	
Estimated Barrels Released		17.60000

<b>Instructions</b>
1. Input spill measurements below. Length and width need to be input in feet and depth in inches.
2. Select a soil type from the drop down menu.
3. Select a saturation level from the drop down menu.
(For data gathering instructions see appendix tab)

<b>Measurements</b>	
Length (ft)	900
Width (ft)	5
Depth (in)	3.500









December 18, 2024

NMOCD District 2  
Mike Bratcher  
Artesia, NM 88210

Bureau of Land Management  
Crisha Morgan  
Carlsbad Field Office

**Re: Site Assessment, Remediation, and Closure Request**  
**Puckett 13 Fed TB**  
**API No. N/A**  
**GPS: Latitude 32.8413 Longitude -103.8188**  
**UL "A", Sec. 13, T17S, R31E**  
**Eddy County, NM**  
**NMOCD Ref. No. nAPP2425343251**

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment, and conduct remediation activities for the release site known as the Puckett 13 Fed TB (Puckett). Details of the release are summarized below:

Release Details			
<b>Type of Release:</b>	Produced Water	<b>Volume of Release:</b>	18 bbls
		<b>Volume Recovered:</b>	1 bbls
<b>Source of Release:</b>	Pipeline	<b>Date of Release:</b>	9/8/24
<b>Was Immediate Notice Given?</b>	No	<b>If, Yes, to Whom?</b>	N/A
<b>Was a Watercourse Reached?</b>	No	<b>If Yes, Volume Impacting Watercourse:</b>	N/A
<b>Surface Owner:</b>	Federal	<b>Mineral Owner:</b>	Federal
DURING ROUTINE INSPECTION, AN OPERATOR FOUND A FLOWLINE LEAK WITH DUCT TAPE AROUND IT. IT APPEARS TO HAVE BEEN HIT BY A PIECE OF EQUIPMENT FROM A DIFFERENT COMPANY AND NOT REPORTED TO SPUR.			

Topographical and Aerial Maps are provided in Figures #2 and #4.

## REGULATORY FRAMEWORK & SITE CHARACTERIZATION

Surface impacts from unauthorized releases of fluids or gases are generally regulated by the New Mexico Oil Conservation Division (NMOCD) in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance, and enforcement procedures. Table I of 19.15.29.12 NMAC determines the closure criteria for soils impacted by a release based on depth to groundwater and the following characteristics:

- Depth to Groundwater in the affected area 50'-100'
- Method to determine DTW
- Did the release impact groundwater or surface water No

Depth to groundwater information is provided in Appendix A.

What are the minimum distances between the closest lateral extents of the release and the following surface areas:

- A Continuously flowing watercourse or any other significant watercourse- 1-5 mi
- Any lakebed, sinkhole, or playa lake- 1-5 mi
- An occupied permanent residence, school, hospital, institution, or church- 1-5 mi
- A spring or a private domestic fresh water well used by less than 5 households for domestic or stock watering purposes- 1-5mi
- Any other fresh water well or spring- 1-5 mi
- Incorporated municipal boundaries or a defined municipal fresh water well field- 1-5 mi
- A wetland- 1-5 mi
- A subsurface mine- 1-5 mi
- An (non-karst) unstable area- 1-5 mi
- Categorize the risk of this well/site being in a karst area geology- Low
- A 100-year floodplain- 500 ft-1000 ft
- Did the release impact areas not on an exploration, development, production, or storage site- Yes

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and piedmont deposits (Holocene to middle Pleistocene)— Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits (QEP). The soil in this area is made up of Berino-Parajito Complex, with 0 to 3 percent slopes, eroded, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage course in this area are well drained.

The Soil Survey and FEMA Flood Map are provided in Appendix B. A Karst Map is provided in Figure #3.

### INITIAL SITE ASSESSMENT

On September 13th, 2024, Paragon conducted an initial site assessment. During the initial site assessment, it was determined we would gather samples in the area where the spill had come out of the flow line and down the road. Fifteen (15) soil samples were collected in this area in an effort to determine the vertical extent of soil impact. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A table summarizing laboratory analytical results from soil samples collected during the above-stated activities is provided below:

#### 9-13-24 Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 80')							
Sample Date 9/13/24	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria 1,000 mg/kg			Closure Criteria 1,000 mg/kg	Closure Criteria 0,000 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S - 1 0-6	ND	ND	ND	ND	ND	ND	6530
S - 1 2'	ND	ND	ND	ND	ND	ND	176
S - 2 0-6	ND	ND	ND	ND	ND	ND	10400
S - 2 2'	ND	ND	ND	ND	ND	ND	464
S - 3 0-6	ND	ND	ND	ND	ND	ND	6260
S - 3 3'	ND	ND	ND	ND	ND	ND	128
S - 4 0-6	ND	ND	ND	ND	ND	ND	9800
S - 4 4'	ND	ND	ND	ND	ND	ND	112
S - 5 0-6	ND	ND	ND	ND	ND	ND	8000
S - 5 3'	ND	ND	ND	ND	ND	ND	112
S - 6 0-6	ND	ND	ND	ND	ND	ND	7730
S - 6 2'	ND	ND	ND	ND	ND	ND	480
S - 7 0-6	ND	ND	ND	ND	ND	ND	7330
S - 7 2'	ND	ND	ND	ND	ND	ND	592
S - 8 0-6	ND	ND	ND	ND	ND	ND	10800
S - 8 3'	ND	ND	ND	ND	ND	ND	96
S - 9 0-6	ND	ND	ND	ND	ND	ND	8600
S - 9 3'	ND	ND	ND	ND	ND	ND	32
S - 10 0-6	ND	ND	ND	17	ND	17	18200
S - 10 3'	ND	ND	ND	ND	ND	ND	240
S - 11 0-6	ND	ND	ND	ND	ND	ND	6530
S - 11 3'	ND	ND	ND	ND	ND	ND	400
S - 12 0-6	ND	ND	ND	ND	ND	ND	9200
S - 12 3'	ND	ND	ND	ND	ND	ND	752
S - 13 0-6	ND	ND	ND	ND	ND	ND	10100
S - 13 3'	ND	ND	ND	ND	ND	ND	160
S - 14 0-6	ND	ND	ND	ND	ND	ND	7730
S - 14 2'	ND	ND	ND	ND	ND	ND	400
S - 15 0-6	ND	ND	ND	26.8	ND	26.8	6400
S - 15 2'	ND	ND	ND	ND	ND	ND	80

(ND) Analyte Not Detected

Laboratory data is attached in Appendix D

A Site Map is provided in Figure #1.

## REMEDATION ACTIVITIES

On November 1st, 2024, Paragon mobilized personnel and heavy equipment to conduct remedial activities. Based on the site characteristics and field observations made during the site assessment, the following details the remedial activities we conducted to advance the Release Site toward an NMOCD-approved site closure.

Our remediation began by excavating in the following areas and depths:

- S-1 and S-2 down to 2' BGS
- S-3 down to 3' BGS
- S-4 down to 4' BGS
- S-5 down to 3' BGS
- S-6 and S-7 down to 2' BGS
- S-8, S-9, S-10, S-11, S-12, and S-13 down to 3' BGS
- S-14 and S-15 down to 2' BGS

The spill area was approximately 6000 S/F and the total yardage was 515 C/Y. A notification was submitted to the NMOCD prior to obtaining confirmation samples. The bottom samples were representative of no more than 200 sq/ft, and the sidewall samples were obtained every 50 feet. The results of this sampling event are in the following data table:



## 11-6-24 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 11-6-24	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
ESW 1 - 2'	ND	ND	ND	ND	ND	0	96
ESW 2 - 2'	ND	ND	ND	ND	ND	0	96
ESW 3 - 3'	ND	ND	ND	ND	ND	0	80
ESW 4 - 4'	ND	ND	ND	ND	ND	0	80
ESW 5 - 3'	ND	ND	ND	ND	ND	0	64
ESW 6 - 2'	ND	ND	ND	ND	ND	0	80
ESW 7 - 2'	ND	ND	ND	ND	ND	0	80
ESW 8 - 3'	ND	ND	ND	ND	ND	0	16
ESW 9 - 3'	ND	ND	ND	ND	ND	0	32
ESW 10 - 3'	ND	ND	ND	ND	ND	0	16
ESW 11 - 3'	ND	ND	ND	ND	ND	0	16
ESW 12 - 3'	ND	ND	ND	ND	ND	0	16
ESW 13 - 3'	ND	ND	ND	ND	ND	0	16
ESW 14 - 2'	ND	ND	ND	ND	ND	0	32
ESW 15 - 2'	ND	ND	ND	ND	ND	0	32
NSW 1 - 2'	ND	ND	ND	ND	ND	0	80
NSW 2 - 3'	ND	ND	ND	ND	ND	0	80
NSW 3 - 4'	ND	ND	ND	ND	ND	0	80
NSW 4 - 3'	ND	ND	ND	ND	ND	0	16
S - 1 2'	ND	ND	ND	ND	ND	0	80
S - 2 2'	ND	ND	ND	ND	ND	0	96
S - 3 2'	ND	ND	ND	ND	ND	0	16
S - 4 2'	ND	ND	ND	ND	ND	0	32
S - 5 3'	ND	ND	ND	ND	ND	0	64
S - 6 3'	ND	ND	ND	ND	ND	0	80
S - 7 4'	ND	ND	ND	ND	ND	0	80
S - 8 4'	ND	ND	ND	ND	ND	0	80
S - 9 3'	ND	ND	ND	ND	ND	0	64
S - 10 3'	ND	ND	ND	ND	ND	0	80
S - 11 2'	ND	ND	ND	ND	ND	0	48
S - 12 2'	ND	ND	ND	ND	ND	0	80
S - 13 2'	ND	ND	ND	ND	ND	0	64
S - 14 2'	ND	ND	ND	ND	ND	0	64
S - 15 3'	ND	ND	ND	ND	ND	0	64
S - 16 3'	ND	ND	ND	ND	ND	0	80
S - 17 3'	ND	ND	ND	ND	ND	0	80
S - 18 3'	ND	ND	ND	ND	ND	0	64
S - 19 3'	ND	ND	ND	ND	ND	0	80
S - 20 3'	ND	ND	ND	ND	ND	0	80
S - 21 3'	ND	ND	ND	ND	ND	0	48
S - 22 3'	ND	ND	ND	ND	ND	0	64
S - 23 3'	ND	ND	ND	ND	ND	0	80
S - 24 3'	ND	ND	ND	ND	ND	0	80
S - 25 3'	ND	ND	ND	ND	ND	0	80
S - 26 3'	ND	ND	ND	ND	ND	0	80
S - 27 2'	ND	ND	ND	ND	ND	0	64
S - 28 2'	ND	ND	ND	ND	ND	0	96

(ND) Analyte Not Detected

11-6-24 Confirmation Laboratory Results Cont.

S - 29 2'	ND	ND	ND	ND	ND	0	80
S - 30 2'	ND	ND	ND	ND	ND	0	80
SSW 1 - 4'	ND	ND	ND	ND	ND	0	80
SSW 2 - 3'	ND	ND	ND	ND	ND	0	80
SSW 3 - 3'	ND	ND	ND	ND	ND	0	64
WSW 1 - 2'	ND	ND	ND	ND	ND	0	64
WSW 2 - 2'	ND	ND	ND	ND	ND	0	96
WSW 3 - 3'	ND	ND	ND	ND	ND	0	80
WSW 4 - 4'	ND	ND	ND	ND	ND	0	64
WSW 5 - 3'	ND	ND	ND	ND	ND	0	80
WSW 6 - 2'	ND	ND	ND	ND	ND	0	64
WSW 7 - 2'	ND	ND	ND	ND	ND	0	16
WSW 8 - 3'	ND	ND	ND	ND	ND	0	32
WSW 9 - 3'	ND	ND	ND	ND	ND	0	16
WSW 10 - 3'	ND	ND	ND	ND	ND	0	32
WSW 11 - 3'	ND	ND	ND	ND	ND	0	ND
WSW 12 - 3'	ND	ND	ND	ND	ND	0	16
WSW 13 - 3'	ND	ND	ND	ND	ND	0	32
WSW 14 - 2'	ND	ND	ND	ND	ND	0	16
WSW 15 - 2'	ND	ND	ND	ND	ND	0	16

(ND) Analyte Not Detected

These laboratory analytical results showed that the confirmation soil samples were below NMOCD Closure Criteria. The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. After receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with “like” material. The affected area was then contoured and machine-compacted to match the surrounding grade.

## CLOSURE REQUEST

After careful review, Paragon requests that the incident, nAPP2425343251, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

If you have any questions or need additional information, please get in touch with Tristan Jones by phone at (575)318-6841 or email at [tristan@paragonenvironmental.net](mailto:tristan@paragonenvironmental.net).

Respectfully,



Tristan Jones  
Project Manager  
Paragon Environmental, LLC



Chris Jones  
Environmental Professional  
Paragon Environmental, LLC



### Attachments

#### **Figures:**

- 1- Site Map
- 2- Topographic Map
- 3- Karst Map
- 4- Wetlands & Watercourse Map
- 5- Confirmation Sample Maps

#### **Appendices:**

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and FEMA Flood Map
- Appendix C – Sampling Notifications & Photographic Documentation
- Appendix D – Laboratory Reports



Figures:

- 1- Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Wetlands & Watercourse Map
- 5- Confirmation Maps

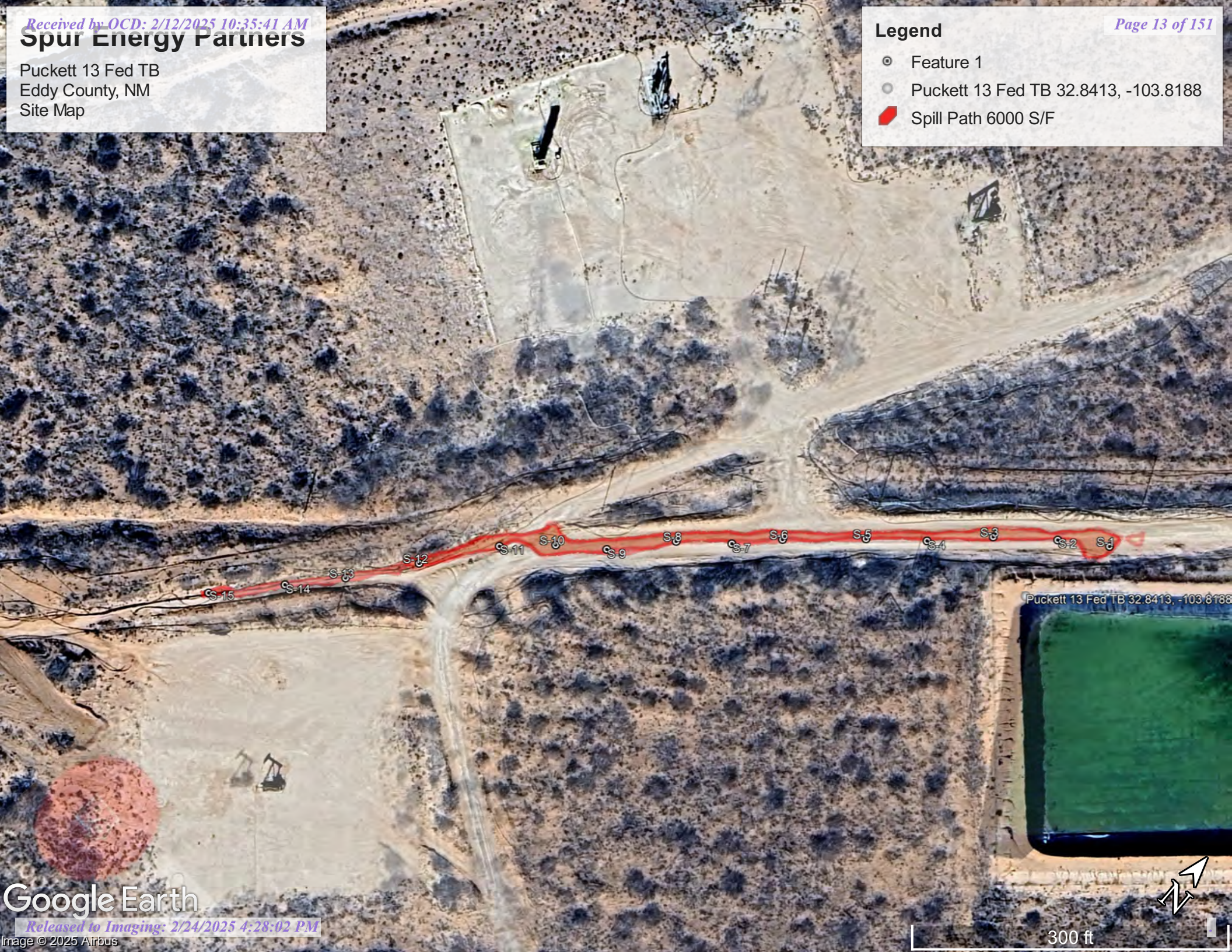


# Spur Energy Partners

Puckett 13 Fed TB  
Eddy County, NM  
Site Map

## Legend

- Feature 1
- Puckett 13 Fed TB 32.8413, -103.8188
- Spill Path 6000 S/F



Puckett 13 Fed TB 32.8413, -103.8188

Google Earth

300 ft

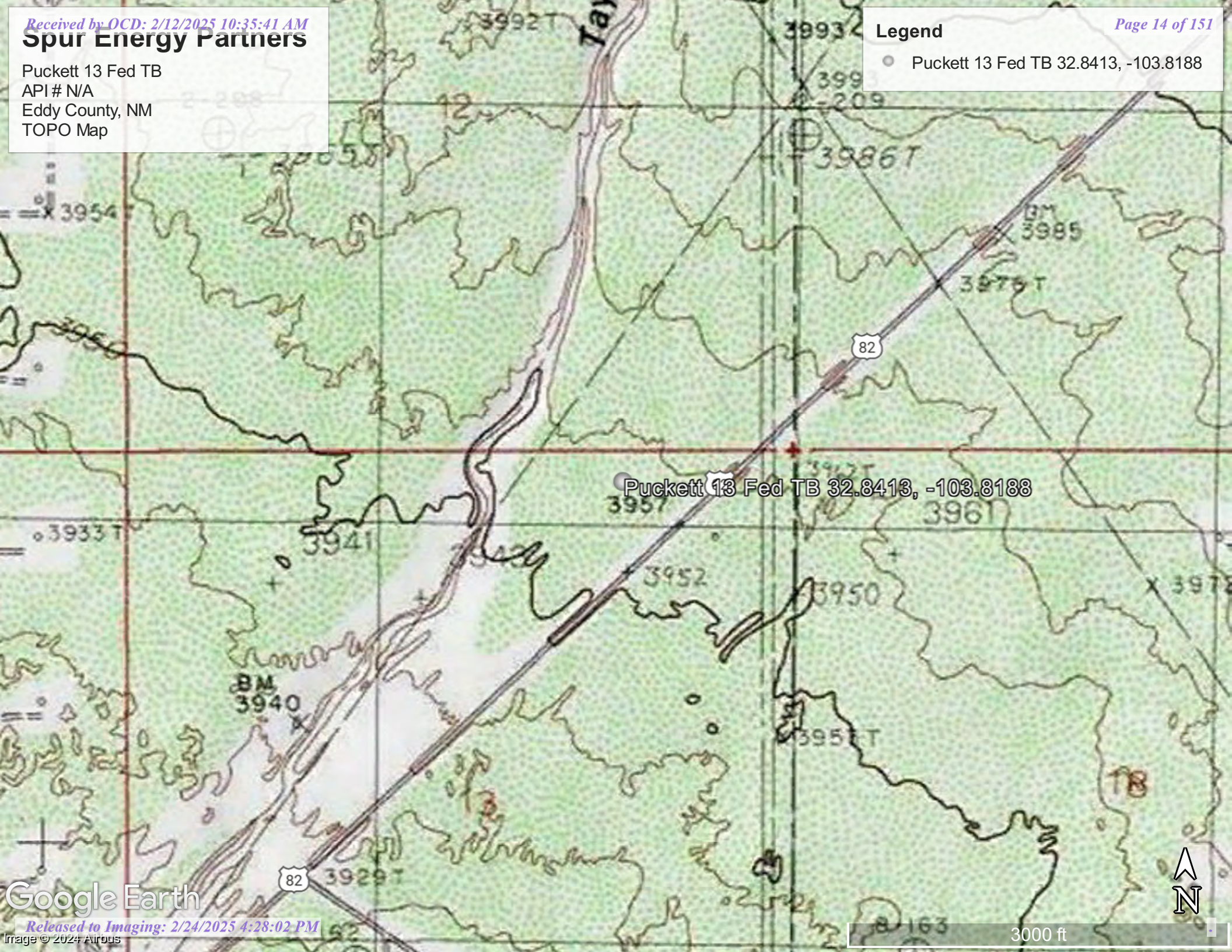


# Spur Energy Partners

Puckett 13 Fed TB  
API # N/A  
Eddy County, NM  
TOPO Map

## Legend

- Puckett 13 Fed TB 32.8413, -103.8188



Google Earth



# Spur Energy Partners

Puckett 13 Fed TB  
API # N/A  
Eddy County, NM  
Karst Map

## Legend

- Feature 1
- High
- Low
- Medium
- Puckett 13 Fed TB 32.8413, -103.8188

Puckett 13 Fed TB 32.8413, -103.8188



3000 ft




Google Earth

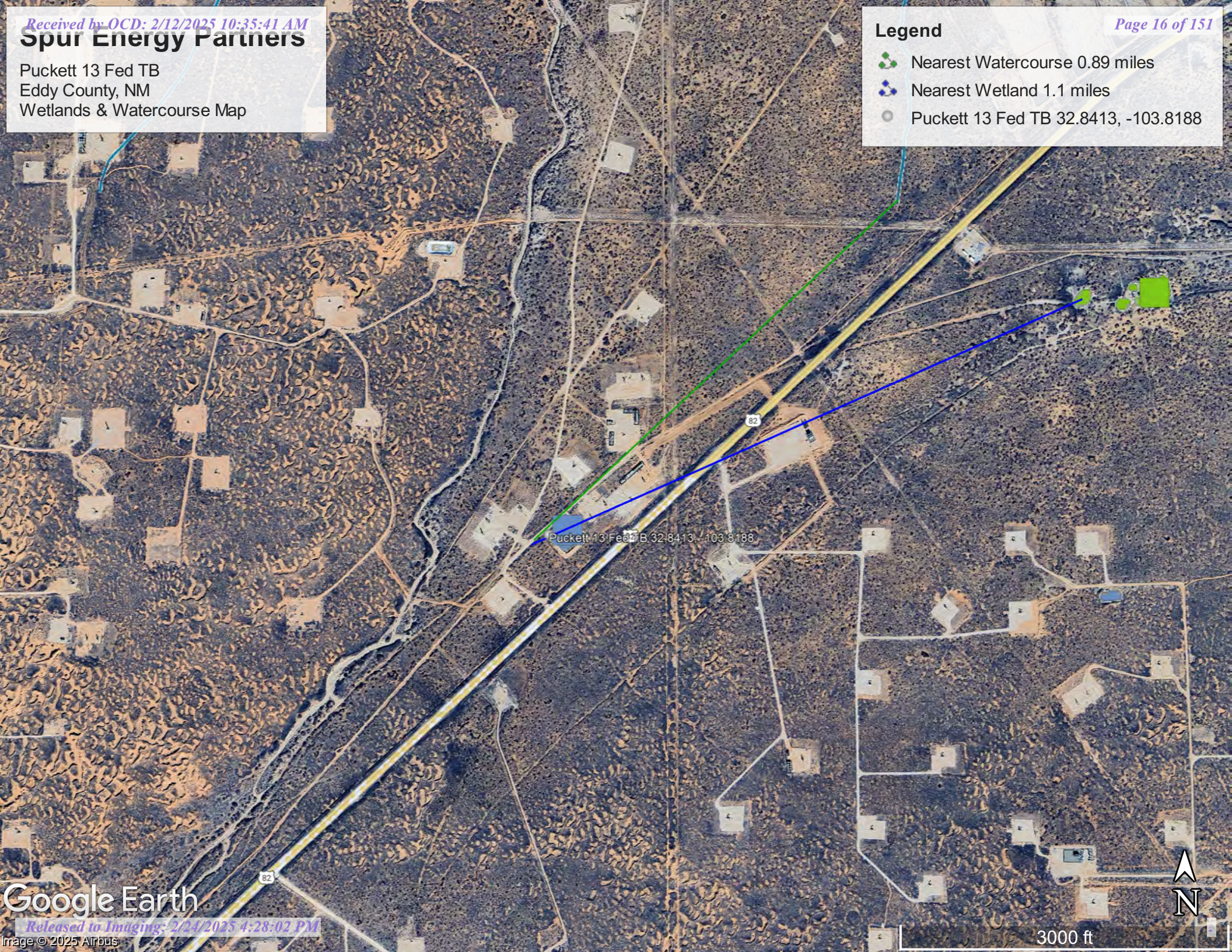


# Spur Energy Partners

Puckett 13 Fed TB  
Eddy County, NM  
Wetlands & Watercourse Map

## Legend

-  Nearest Watercourse 0.89 miles
-  Nearest Wetland 1.1 miles
-  Puckett 13 Fed TB 32.8413, -103.8188





# Spur Energy Partners

Puckett 13 Fed TB  
API # N/A  
Eddy County, NM  
Confirmation Sample Map 1

## Legend

- Feature 1
- S-1 & S-2 2' BGS
- S-14 & S-15 2' BGS
- S-3 3' BGS
- S-4 4' BGS
- S-5 3' BGS
- S-6 & S-7 2' BGS
- S-8, S-9, S-10, S-11, S-12, S-13 3' BGS



Google Earth



# Spur Energy Partners

Puckett 13 Fed TB  
API # N/A  
Eddy County, NM  
Confirmation Sample Map 1

## Legend

- Feature 1
- S-1 & S-2 2' BGS
- S-14 & S-15 2' BGS
- S-3 3' BGS
- S-4 4' BGS
- S-5 3' BGS
- S-6 & S-7 2' BGS
- S-8, S-9, S-10, S-11, S-12, S-13 3' BGS

Google Earth







## Appendix A:

### Referenced Water Data

New Mexico State of Engineers Office

# Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)


(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

(In feet)

(In feet)

POD Number	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">RA 13286 POD1</a>	San Juan	NE	SE	SE	12	17S	31E	610741.6	3634697.7		433	101		

Average Depth to Water: **0 feet**

Minimum Depth: **0 feet**

Maximum Depth: **0 feet**



**Record Count:** 1

**UTM Filters (in meters):**

**Easting:** 610544.325

**Northing:** 3634311.391

**Radius:** 1600.0

\* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



Appendix B:

Soil Survey

U.S.D.A.

FEMA Flood Map

Map Unit Description: Berino-Pajarito complex, 0 to 3 percent slopes, eroded---Eddy Area,  
New Mexico

---

## Eddy Area, New Mexico

### BP—Berino-Pajarito complex, 0 to 3 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 1w45

*Elevation:* 2,450 to 4,200 feet

*Mean annual precipitation:* 5 to 15 inches

*Mean annual air temperature:* 57 to 70 degrees F

*Frost-free period:* 190 to 250 days

*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Berino and similar soils:* 46 percent

*Pajarito and similar soils:* 45 percent

*Minor components:* 9 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Berino

##### Setting

*Landform:* Plains, fan piedmonts

*Landform position (three-dimensional):* Riser

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Mixed alluvium and/or eolian sands

##### Typical profile

*H1 - 0 to 17 inches:* fine sand

*H2 - 17 to 50 inches:* sandy loam

*H3 - 50 to 60 inches:* loamy sand

##### Properties and qualities

*Slope:* 0 to 3 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

*(Ksat):* Moderately high to high (0.60 to 2.00 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 7.3 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4e

Map Unit Description: Berino-Pajarito complex, 0 to 3 percent slopes, eroded---Eddy Area,  
New Mexico

---

*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: B*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

## Description of Pajarito

### Setting

*Landform: Plains, interdunes, dunes*  
*Landform position (three-dimensional): Side slope*  
*Down-slope shape: Convex, linear*  
*Across-slope shape: Linear, convex*  
*Parent material: Mixed alluvium and/or eolian sands*

### Typical profile

*H1 - 0 to 9 inches: loamy fine sand*  
*H2 - 9 to 36 inches: fine sandy loam*  
*H3 - 36 to 72 inches: fine sandy loam*

### Properties and qualities

*Slope: 0 to 3 percent*  
*Depth to restrictive feature: More than 80 inches*  
*Drainage class: Well drained*  
*Runoff class: Very low*  
*Capacity of the most limiting layer to transmit water (Ksat): High*  
*(2.00 to 6.00 in/hr)*  
*Depth to water table: More than 80 inches*  
*Frequency of flooding: None*  
*Frequency of ponding: None*  
*Calcium carbonate, maximum content: 15 percent*  
*Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0*  
*mmhos/cm)*  
*Sodium adsorption ratio, maximum: 1.0*  
*Available water supply, 0 to 60 inches: Moderate (about 8.0*  
*inches)*

### Interpretive groups

*Land capability classification (irrigated): 2e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: A*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

## Minor Components

### Wink

*Percent of map unit: 3 percent*  
*Ecological site: R070BD003NM - Loamy Sand*  
*Hydric soil rating: No*

### Dune land

*Percent of map unit: 3 percent*  
*Hydric soil rating: No*

Map Unit Description: Berino-Pajarito complex, 0 to 3 percent slopes, eroded---Eddy Area,  
New Mexico

---

**Kermit**

*Percent of map unit:* 3 percent

*Ecological site:* R070BD005NM - Deep Sand

*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024



# National Flood Hazard Layer FIRMette



103°49'26"W 32°50'44"N



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

1:6,000

103°48'49"W 32°50'14"N

Released to Imaging: 2/24/2025 4:28:02 PM

Basemap Imagery Source: USGS National Map 2023

## Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/9/2024 at 9:30 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.



Appendix C:

NMOCD Notification

Photographic Documentation





OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	382363	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , PUCKETT 13 FEDERAL TANK BATTERY , nAPP2425343251		
Status:	APPROVED		
Status Date:	09/11/2024		
References (1):	nAPP2425343251		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2425343251
Incident Name	NAPP2425343251 PUCKETT 13 FEDERAL TANK BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source

Site Name	PUCKETT 13 FEDERAL TANK BATTERY
Date Release Discovered	09/08/2024
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	6,500
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/13/2024
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Angel Pena 575-605-0773
Please provide any information necessary for navigation to sampling site	32.841505,-103.818878

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:	apena (9/11/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
----------	--

Reasons

No reasons found for this submission.

Go Back



OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

[NOTIFY] Notification Of Sampling (C-141N) Application

Submission Information

Submission ID:	398299	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , PUCKETT 13 FEDERAL TANK BATTERY , nAPP2425343251		
Status:	APPROVED		
Status Date:	11/01/2024		
References (1):	nAPP2425343251		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2425343251
Incident Name	NAPP2425343251 PUCKETT 13 FEDERAL TANK BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	PUCKETT 13 FEDERAL TANK BATTERY
Date Release Discovered	09/08/2024
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	6,000
What is the estimated number of samples that will be gathered	60
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/06/2024
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Angel Pena 575-605-0773
Please provide any information necessary for navigation to sampling site	+32.840633,-103.820005

Acknowledgments

This submission type does not have acknowledgments, at this time.

Comments

No comments found for this submission.

Conditions

Summary:	apena (11/1/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
----------	--

Reasons

No reasons found for this submission.

Go Back





**Photographic Documentation  
Before**







**Photographic Documentation**  
**During**

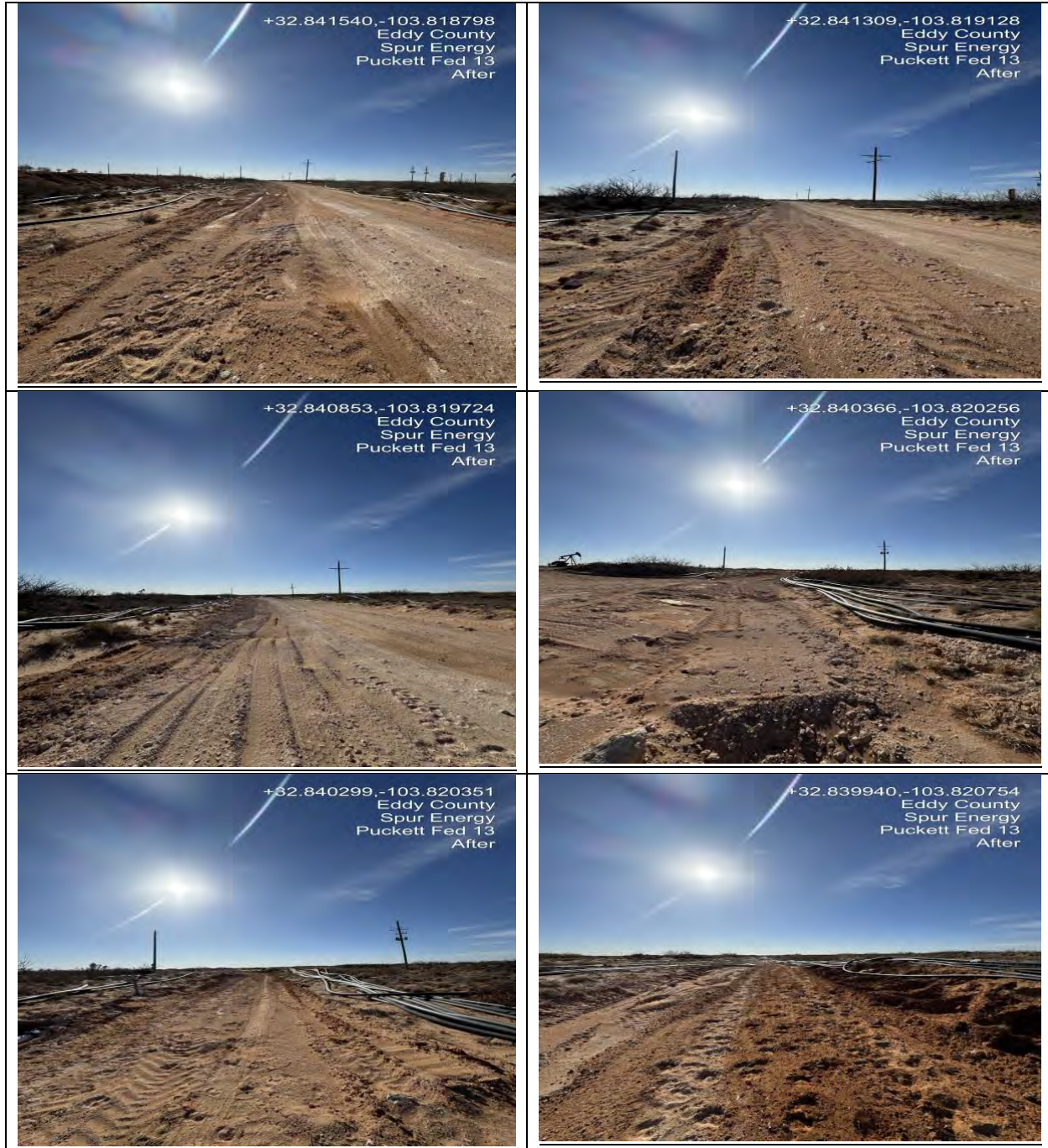






## Photographic Documentation

### Post





Appendix D:  
Laboratory Results





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

September 16, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: PUCKETT 13 FED TB

Enclosed are the results of analyses for samples received by the laboratory on 09/13/24 14:38.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 1 0-6 (H245592-01)**

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	09/13/2024	ND	1.75	87.5	2.00	16.1		
Toluene*	<0.050	0.050	09/13/2024	ND	1.67	83.7	2.00	15.9		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.71	85.4	2.00	16.2		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.07	84.5	6.00	16.4		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6530	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	201	100	200	2.75	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	207	104	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 1 2' (H245592-02)**

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	09/13/2024	ND	1.75	87.5	2.00	16.1		
Toluene*	<0.050	0.050	09/13/2024	ND	1.67	83.7	2.00	15.9		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.71	85.4	2.00	16.2		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.07	84.5	6.00	16.4		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	201	100	200	2.75	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	207	104	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 2 0-6 (H245592-03)**

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	09/13/2024	ND	1.75	87.5	2.00	16.1		
Toluene*	<0.050	0.050	09/13/2024	ND	1.67	83.7	2.00	15.9		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.71	85.4	2.00	16.2		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.07	84.5	6.00	16.4		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10400	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	201	100	200	2.75	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	207	104	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 2 2' (H245592-04)**

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	09/13/2024	ND	1.75	87.5	2.00	16.1		
Toluene*	<0.050	0.050	09/13/2024	ND	1.67	83.7	2.00	15.9		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.71	85.4	2.00	16.2		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.07	84.5	6.00	16.4		
Total BTEX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	201	100	200	2.75	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	207	104	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 3 0-6 (H245592-05)**

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	09/13/2024	ND	1.75	87.5	2.00	16.1		
Toluene*	<0.050	0.050	09/13/2024	ND	1.67	83.7	2.00	15.9		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.71	85.4	2.00	16.2		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.07	84.5	6.00	16.4		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6260	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	201	100	200	2.75	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	207	104	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 3 3' (H245592-06)**

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	09/13/2024	ND	1.75	87.5	2.00	16.1		
Toluene*	<0.050	0.050	09/13/2024	ND	1.67	83.7	2.00	15.9		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.71	85.4	2.00	16.2		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.07	84.5	6.00	16.4		
Total BTEx	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	128	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	201	100	200	2.75	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	207	104	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 4 0-6 (H245592-07)**

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	09/13/2024	ND	1.75	87.5	2.00	16.1		
Toluene*	<0.050	0.050	09/13/2024	ND	1.67	83.7	2.00	15.9		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.71	85.4	2.00	16.2		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.07	84.5	6.00	16.4		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9800	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	201	100	200	2.75	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	207	104	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 4 4' (H245592-08)**

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	09/13/2024	ND	1.75	87.5	2.00	16.1		
Toluene*	<0.050	0.050	09/13/2024	ND	1.67	83.7	2.00	15.9		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.71	85.4	2.00	16.2		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.07	84.5	6.00	16.4		
Total BTEx	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	201	100	200	2.75	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	207	104	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 5 0-6 (H245592-09)**

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	09/13/2024	ND	1.75	87.5	2.00	16.1		
Toluene*	<0.050	0.050	09/13/2024	ND	1.67	83.7	2.00	15.9		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.71	85.4	2.00	16.2		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.07	84.5	6.00	16.4		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8000	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 5 3' (H245592-10)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	112	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 59.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 6 0-6 (H245592-11)**

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	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTEx	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	7730	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 6 2' (H245592-12)**

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	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 7 0-6 (H245592-13)**

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	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTEx	<0.300	0.300	09/13/2024	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	7330	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 7 2' (H245592-14)**

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	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 8 0-6 (H245592-15)**

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	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTEx	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	10800	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 8 3' (H245592-16)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	96.0	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 9 0-6 (H245592-17)**

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	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTEX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	8600	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 9 3' (H245592-18)**

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	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTEX	<0.300	0.300	09/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 10 0-6 (H245592-19)**

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	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18200	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	17.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 10 3' (H245592-20)**

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	09/13/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/13/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	5.56	92.6	6.00	6.91		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 11 0-6 (H245592-21)**

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	09/14/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/14/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/14/2024	ND	5.56	92.6	6.00	6.91		
Total BTEX	<0.300	0.300	09/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6530	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 11 3' (H245592-22)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/14/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/14/2024	ND	5.56	92.6	6.00	6.91		
Total BTX	<0.300	0.300	09/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 12 0-6 (H245592-23)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2024	ND	1.92	96.0	2.00	13.4	
Toluene*	<0.050	0.050	09/14/2024	ND	1.80	89.9	2.00	9.70	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	1.83	91.7	2.00	7.72	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	5.56	92.6	6.00	6.91	
Total BTX	<0.300	0.300	09/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 12 3' (H245592-24)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/14/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/14/2024	ND	5.56	92.6	6.00	6.91		
Total BTX	<0.300	0.300	09/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 13 0-6 (H245592-25)**

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	09/14/2024	ND	1.92	96.0	2.00	13.4	
Toluene*	<0.050	0.050	09/14/2024	ND	1.80	89.9	2.00	9.70	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	1.83	91.7	2.00	7.72	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	5.56	92.6	6.00	6.91	
Total BTEX	<0.300	0.300	09/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10100	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 13 3' (H245592-26)**

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	09/14/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/14/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/14/2024	ND	5.56	92.6	6.00	6.91		
Total BTEX	<0.300	0.300	09/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 14 0-6 (H245592-27)**

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	09/14/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/14/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/14/2024	ND	5.56	92.6	6.00	6.91		
Total BTEX	<0.300	0.300	09/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7730	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 14 2' (H245592-28)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/14/2024	ND	1.92	96.0	2.00	13.4		
Toluene*	<0.050	0.050	09/14/2024	ND	1.80	89.9	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	1.83	91.7	2.00	7.72		
Total Xylenes*	<0.150	0.150	09/14/2024	ND	5.56	92.6	6.00	6.91		
Total BTX	<0.300	0.300	09/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/14/2024	ND	198	99.2	200	3.88	
DRO >C10-C28*	<10.0	10.0	09/14/2024	ND	182	91.0	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	09/14/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 15 0-6 (H245592-29)**

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	09/14/2024	ND	1.92	96.0	2.00	13.4	
Toluene*	<0.050	0.050	09/14/2024	ND	1.80	89.9	2.00	9.70	
Ethylbenzene*	<0.050	0.050	09/14/2024	ND	1.83	91.7	2.00	7.72	
Total Xylenes*	<0.150	0.150	09/14/2024	ND	5.56	92.6	6.00	6.91	
Total BTEx	<0.300	0.300	09/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	09/16/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	26.8	10.0	09/13/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 09/13/2024  
Reported: 09/16/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 09/13/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 15 2' (H245592-30)**

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	09/13/2024	ND	2.00	100	2.00	4.13		
Toluene*	<0.050	0.050	09/13/2024	ND	2.05	103	2.00	5.94		
Ethylbenzene*	<0.050	0.050	09/13/2024	ND	2.05	102	2.00	6.96		
Total Xylenes*	<0.150	0.150	09/13/2024	ND	6.36	106	6.00	6.86		
Total BTEX	<0.300	0.300	09/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/16/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/13/2024	ND	199	99.3	200	2.24	
DRO >C10-C28*	<10.0	10.0	09/13/2024	ND	196	98.0	200	4.99	
EXT DRO >C28-C36	<10.0	10.0	09/13/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager

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

---

### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

Cardinal Laboratories

\*=Accredited Analyte

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

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

---

Celey D. Keene, Lab Director/Quality Manager





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: Paragon Environmental		<b>BILL TO</b>		ANALYSIS REQUEST															
Project Manager: Chris Jones		P.O. #:																	
Address: 1601 N. Turner St., Ste 500		Company:		SRV															
City: Hobbs		Attn:																	
Phone #: 575-964-7814		Address:																	
Fax #:		City:																	
Project #:		State:																	
Project Name: POCETT 13 Fed TB		Zip:																	
Project Location: Rural Edin		Phone #:																	
Sample Name: Angel Pink		Fax #:																	
FOR LAB USE ONLY		PRESERV		SAMPLING															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		DATE		TIME											
				GROUNDWATER															
				WASTEWATER															
				SOIL															
				OIL															
				SLUDGE															
				OTHER:															
				ACID/BASE:															
				ICE / COOL															
				OTHER:															
145594	5-1 0-6		4				9/13			BTEX TPH Chlorides									
1	5-1 21																		
2	5-2 0-6																		
3	5-2 21																		
4	5-3 0-6																		
5	5-3 3																		
6	5-4 0-6																		
7	5-4 41																		
8	5-5 0-6																		
9	5-5 31																		
10																			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether before or after, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																			
Relinquished By: [Signature]		Received By: [Signature]																	
Time: 9:30 AM		Time: 1:38 PM																	
Date: [Blank]		Date: [Blank]																	
Relinquished By: [Signature]		Received By: [Signature]																	
Time: [Blank]		Time: [Blank]																	
Delivered By: (Circle One) 2.1c) COLE		Sample Condition Cool Intact																	
Sampler - UPS - Bus - Other: 1.5c) #140		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																	
CHECKED BY: [Signature]		CHECKED BY: [Signature]																	
REMARKS: [Blank]		REMARKS: [Blank]																	
Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #: [Blank]																	
Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #: [Blank]																	
PUSH! 24#2																			

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326

1/3



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/3

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM Zip: 88240

Phone #: 575-964-7814

Fax #:

Project #:

Project Owner:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Handwritten: HANSA

Handwritten: 3-6 0-6

Handwritten: 3-6 2

Handwritten: 5-7 0-6

Handwritten: 5-7 2

Handwritten: 5-8 0-6

Handwritten: 5-8 3

Handwritten: 5-9 0-6

Handwritten: 5-9 3

Handwritten: 5-10 0-6

Handwritten: 5-10 3

Handwritten: 20

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE 9/13

TIME

Handwritten: BTCL  
TPH  
Chlorides

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

Zip:

Relinquished By:

Time: 4:13 PM

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Time: 4:13 PM

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Time: 4:13 PM

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Time: 4:13 PM

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Time: 4:13 PM

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Time: 4:13 PM

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Time: 4:13 PM

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Time: 4:13 PM

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Time: 4:13 PM

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Time: 4:13 PM

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental  
Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM Zip: 88240

Phone #: 575-964-7814 Fax #:

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

(G)RAB OR (C)OMP.  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER :  
ACID/BASE:  
ICE / COOL  
OTHER :

DATE  
TIME

BTEX  
TPH  
Chlorides

Lab I.D. Sample I.D.

21 5-11 0-6

22 5-11 3'

23 5-12 0-6

24 5-12 3'

25 5-13 0-6

26 5-13 3'

27 5-14 0-6

28 5-14 2'

29 5-15 0-6

30 5-15 2'

Relinquished By:

Date: 9-13-24

Received By:

Signature

Relinquished By:

Date:

Received By:

Signature

Time:

Received By:

Signature

Delivered By: (Circle One)

2.12-00:10

Sample Condition  
Cool ☒ Intact ☒

CHECKED BY: (Initials)

Signature

Sampler - UPS - Bus - Other:

1.52-#140

Sample Condition  
Cool ☒ Intact ☒

CHECKED BY: (Initials)

Signature

Phone Result: ☐ Yes ☐ No Add'l Phone #:

REMARKS:

☐ Yes ☐ No

Add'l Fax #:



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

---

November 15, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: PUCKETT 13 FED TB

Enclosed are the results of analyses for samples received by the laboratory on 11/12/24 13:16.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 1 2' (H246889-01)**

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	11/14/2024	ND	2.06	103	2.00	3.63		
Toluene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	3.71		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.11	106	2.00	3.74		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.28	105	6.00	3.96		
Total BTEx	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 2 2' (H246889-02)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	3.63	
Toluene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	3.71	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.11	106	2.00	3.74	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.28	105	6.00	3.96	
Total BTX	<0.300	0.300	11/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	96.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 3 2' (H246889-03)**

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	11/14/2024	ND	2.06	103	2.00	3.63		
Toluene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	3.71		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.11	106	2.00	3.74		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.28	105	6.00	3.96		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 4 2' (H246889-04)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEX	<0.300	0.300	11/14/2024	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	32.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 5 3' (H246889-05)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEx	<0.300	0.300	11/14/2024	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	64.0	16.0	11/13/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 6 3' (H246889-06)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 7 4' (H246889-07)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEX	<0.300	0.300	11/14/2024	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	80.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 8 4' (H246889-08)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEx	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 9 3' (H246889-09)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 10 3' (H246889-10)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEx	<0.300	0.300	11/14/2024	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	80.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 11 2' (H246889-11)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEx	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 12 2' (H246889-12)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 13 2' (H246889-13)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	64.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	199	99.4	200	6.39	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	180	90.2	200	13.4	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 14 2' (H246889-14)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	207	104	200	0.925	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	193	96.3	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 15 3' (H246889-15)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	207	104	200	0.925	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	193	96.3	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 16 3' (H246889-16)**

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	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	80.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	207	104	200	0.925	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	193	96.3	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 17 3' (H246889-17)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	80.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	207	104	200	0.925	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	193	96.3	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 18 3' (H246889-18)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.11	105	2.00	3.44		
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62		
Total BTX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	64.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	207	104	200	0.925	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	193	96.3	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 19 3' (H246889-19)**

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	11/14/2024	ND	2.11	105	2.00	3.44	
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62	
Total BTEX	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 20 3' (H246889-20)**

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	11/14/2024	ND	2.11	105	2.00	3.44	
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62	
Total BTEX	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 21 3' (H246889-21)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2024	ND	2.11	105	2.00	3.44	
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62	
Total BTX	<0.300	0.300	11/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/13/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 22 3' (H246889-22)**

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	11/14/2024	ND	2.11	105	2.00	3.44	
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62	
Total BTEX	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/13/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 23 3' (H246889-23)**

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	11/14/2024	ND	2.11	105	2.00	3.44	
Toluene*	<0.050	0.050	11/14/2024	ND	2.10	105	2.00	1.17	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.26	113	2.00	1.69	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.72	112	6.00	2.62	
Total BTEX	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 24 3' (H246889-24)**

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	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTEX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 25 3' (H246889-25)**

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	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTEX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 26 3' (H246889-26)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 27 2' (H246889-27)**

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	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTEx	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 28 2' (H246889-28)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2024	ND	2.19	109	2.00	3.26	
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93	
Total BTX	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 29 2' (H246889-29)**

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	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTEx	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: S - 30 2' (H246889-30)**

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	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTEX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW 1 - 2' (H246889-31)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: E SW 1 - 2' (H246889-32)**

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	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTEx	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 1 - 2' (H246889-33)**

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	11/14/2024	ND	2.19	109	2.00	3.26	
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93	
Total BTEx	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/13/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	193	96.7	200	0.942	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	184	92.2	200	0.0933	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 2 - 2' (H246889-34)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2024	ND	2.19	109	2.00	3.26	
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93	
Total BTX	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/13/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	207	104	200	0.925	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	193	96.3	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 2 - 2' (H246889-35)**

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	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTEx	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/13/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	207	104	200	0.925	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	193	96.3	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW 2 - 3' (H246889-36)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	207	104	200	0.925	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	193	96.3	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 3 - 3' (H246889-37)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2024	ND	2.19	109	2.00	3.26	
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93	
Total BTX	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	207	104	200	0.925	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	193	96.3	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 3 - 3' (H246889-38)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2024	ND	2.19	109	2.00	3.26	
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93	
Total BTX	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	207	104	200	0.925	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	193	96.3	200	12.0	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW 3 - 4' (H246889-39)**

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	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTEx	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW 1 - 4' (H246889-40)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	80.0	16.0	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 4 - 4' (H246889-41)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	80.0	16.0	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 4 - 4' (H246889-42)**

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	11/14/2024	ND	2.19	109	2.00	3.26	
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93	
Total BTEx	<0.300	0.300	11/14/2024	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	64.0	16.0	11/13/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW 2 - 3' (H246889-43)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.19	109	2.00	3.26		
Toluene*	<0.050	0.050	11/14/2024	ND	2.23	111	2.00	3.62		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.12	106	2.00	4.06		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.62	110	6.00	3.93		
Total BTX	<0.300	0.300	11/14/2024	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	80.0	16.0	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 5 - 3' (H246889-44)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	64.0	16.0	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 5 - 3' (H246889-45)**

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	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	80.0	16.0	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 6 - 2' (H246889-46)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	80.0	16.0	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 6 - 2' (H246889-47)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	64.0	16.0	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 7 - 2' (H246889-48)**

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	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 7 - 2' (H246889-49)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842	
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35	
Total BTX	<0.300	0.300	11/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW 4 - 3' (H246889-50)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 8 - 3' (H246889-51)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 8 - 3' (H246889-52)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEx	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 9 - 3' (H246889-53)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 9 - 3' (H246889-54)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 10 - 3' (H246889-55)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 10 - 3' (H246889-56)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 11 - 3' (H246889-57)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 11 - 3' (H246889-58)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEx	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/14/2024	ND	195	97.4	200	0.735	
DRO >C10-C28*	<10.0	10.0	11/14/2024	ND	176	88.1	200	0.680	
EXT DRO >C28-C36	<10.0	10.0	11/14/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 12 - 3' (H246889-59)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	11/13/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/13/2024	ND	200	99.8	200	2.05	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	200	100	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 12 - 3' (H246889-60)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/13/2024	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	11/13/2024	ND	200	99.8	200	2.05	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	200	100	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW 3 - 3' (H246889-61)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/13/2024	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	11/13/2024	ND	200	99.8	200	2.05	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	200	100	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 13 - 3' (H246889-62)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEx	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/13/2024	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	11/13/2024	ND	200	99.8	200	2.05	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	200	100	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 13 - 3' (H246889-63)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.17	108	2.00	0.842		
Toluene*	<0.050	0.050	11/14/2024	ND	2.06	103	2.00	1.07		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.03	101	2.00	1.34		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	6.01	100	6.00	1.35		
Total BTEX	<0.300	0.300	11/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/13/2024	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	11/13/2024	ND	200	99.8	200	2.05	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	200	100	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 14 - 2' (H246889-64)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.41	120	2.00	2.40		
Toluene*	<0.050	0.050	11/14/2024	ND	2.30	115	2.00	0.231		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.39	120	2.00	1.13		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	7.01	117	6.00	1.25		
Total BTX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/13/2024	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	11/13/2024	ND	200	99.8	200	2.05	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	200	100	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 14 - 2' (H246889-65)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2024	ND	2.41	120	2.00	2.40	
Toluene*	<0.050	0.050	11/14/2024	ND	2.30	115	2.00	0.231	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.39	120	2.00	1.13	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	7.01	117	6.00	1.25	
Total BTX	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/13/2024	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	11/13/2024	ND	200	99.8	200	2.05	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	200	100	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW 15 - 2' (H246889-66)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/14/2024	ND	2.41	120	2.00	2.40	
Toluene*	<0.050	0.050	11/14/2024	ND	2.30	115	2.00	0.231	
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.39	120	2.00	1.13	
Total Xylenes*	<0.150	0.150	11/14/2024	ND	7.01	117	6.00	1.25	
Total BTX	<0.300	0.300	11/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/13/2024	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	11/13/2024	ND	200	99.8	200	2.05	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	200	100	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 11/12/2024  
Reported: 11/15/2024  
Project Name: PUCKETT 13 FED TB  
Project Number: NONE GIVEN  
Project Location: SPUR - RURAL EDDY

Sampling Date: 11/06/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW 15 - 2' (H246889-67)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/14/2024	ND	2.41	120	2.00	2.40		
Toluene*	<0.050	0.050	11/14/2024	ND	2.30	115	2.00	0.231		
Ethylbenzene*	<0.050	0.050	11/14/2024	ND	2.39	120	2.00	1.13		
Total Xylenes*	<0.150	0.150	11/14/2024	ND	7.01	117	6.00	1.25		
Total BTX	<0.300	0.300	11/14/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/13/2024	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	11/13/2024	ND	200	99.8	200	2.05	
DRO >C10-C28*	<10.0	10.0	11/13/2024	ND	200	100	200	2.21	
EXT DRO >C28-C36	<10.0	10.0	11/13/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

---

### Notes and Definitions

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

---

Cardinal Laboratories

\*=Accredited Analyte

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

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

---

Celey D. Keene, Lab Director/Quality Manager



1087

Page 70 of 76



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

2087

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Chris Jones		Company:					
Address: 1601 N. Turner St., Ste 500		Attn:					
City: Hobbs		Address:					
Phone #: 575-964-7814		City:					
Fax #:		State:					
Project #:		Zip:					
Project Location:		Phone #:					
Fax #:							
Sample Name:		PRESERV		SAMPLING			
FOR LAB USE ONLY							
Lab I.D.		(G)RAB OR (C)OMP					
Sample I.D.		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
		DATE		TIME			
H246889		5-11 2'		11-6		Chlorides	
12 5-12 2'						TPH	
13 5-13 2'						BTCX	
14 5-14 2'							
15 5-15 3'							
16 5-16 3'							
17 5-17 3'							
18 5-18 3'							
19 5-19 3'							
20 5-20 3'							
PLEASE NOTE: Liability and Damages: Cardinal's liability and clients exclusive remedy for any claim arising whether in contract or tort shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Relinquished By:		Date: 11-23-24		Received By: Speedyquels	
Time: 11:10		Date: 11-23-24		Time: 11:10		Date: 11-23-24	
Delivered By: (Circle One) -0.5/CCO-L		Sample Condition		Cool Intact		CHECKED BY: 872	
Sampler - UPS - Bus - Other: -1.1 #140		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326		REMARKS:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Phone #:	
				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Fax #:	





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

3087

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST											
Project Manager: Chris Jones		Company:															
Address: 1601 N. Turner St., Ste 500		Attn:															
City: Hobbs		Address:															
Phone #: 575-964-7814		City:															
Fax #:		State:															
Project #:		Zip:															
Project Name:		Phone #:															
Project Location:		Fax #:															
Sampler Name:																	
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH		BTEX		Chlorides				
H246889	5-21 3'	1	1	GROUNDWATER			11-6										
21	5-22 3'			WASTEWATER													
23	5-23 3'			SOIL													
24	5-24 3'			OIL													
25	5-25 3'			SLUDGE													
26	5-26 3'			OTHER :													
27	5-27 2'			ACID/BASE:													
28	5-28 2'			ICE / COOL													
29	5-29 2'			OTHER :													
30	5-30 2'																
PLEASE NOTE: Liability and Damages: Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.																	
Relinquished By: <i>[Signature]</i>		Date: 11/24		Received By: <i>[Signature]</i>		Date: 1/16		Time: 11:24		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By: <i>[Signature]</i>		Date: 1/16		Received By: <i>[Signature]</i>		Date: 1/16		Time: 11:24		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One) -0.5:K-O.O:		Sample Condition		CHECKED BY: <i>[Signature]</i>													
Sampler - UPS - Bus - Other: -1.1: #140		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No															

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

467

Company Name: Paragon Environmental  
Project Manager: Chris Jones

P.O. #:

Address: 1601 N. Turner St., Ste 500

Company:

City: Hobbs

State: NM Zip: 88240

Attn:

Phone #: 575-964-7814

Fax #:

Address:

Project #:

Project Owner:

City:

Project Location:

State:

Zip:

Sample Name:

Phone #:

FOR LAB USE ONLY

Fax #:

Lab I.D.

Sample I.D.

H246889

NSW 1-2'

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH  
BTEX  
(chlorides)

31	NSW 1-2'	7	11-6	
32	ESW 1-2'			
33	USW 1-2'			
34	ESW 2-2'			
35	USW 2-2'			
36	NSW 2-3'			
37	ESW 3-3'			
38	USW 3-3'			
39	NSW 3-4'			
40	ESW 4-4'			

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 11-12-24

Received By:

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

REMARKS:

Relinquished By:

Date: 12-10

Received By:

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool Intact

Yes Yes

No No

CHECKED BY: (Initials)





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

587

Company Name: Paragon Environmental		<b>BILL TO</b>		ANALYSIS REQUEST							
Project Manager: Chris Jones		P.O. #:									
Address: 1601 N. Turner St., Ste 500		Company:									
City: Hobbs		Attn:									
Phone #: 575-964-7814		Address:									
Fax #:		City:									
Project #:		State:		Zip:							
Project Name:		Phone #:									
Project Location:		Fax #:									
Sampler Name:											
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH	13TEX	241014
H246889	ESW 4-4'	✓		GROUNDWATER			9-6				
41	ESW 4-4'			WASTEWATER							
42	ESW 4-4'			SOIL							
43	ESW 2-7'			OIL							
44	ESW 5-3'			SLUDGE							
45	ESW 5-3'			OTHER :							
46	ESW 6-2'			ACID/BASE:							
47	ESW 6-2'			ICE / COOL							
48	ESW 7-2'			OTHER :							
49	ESW 7-2'										
50	ESW 4-3'										
PLEASE NOTE: Liability and damages, Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.											
Relinquished By:		Date: 1/12/24		Received By:		Date: 1/12/24		Time: 1310		REMARKS:	
Delivered By: (Circle One) -0.5: C-0.0: ✓		Sample Condition		CHECKED BY:		Cool Intact		Yes		No	
Sampler - UPS - Bus - Other: -11-#140		Yes		SP		No		Yes		No	
Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326											



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental  
Project Manager: Chris Jones  
Address: 1601 N. Turner St., Ste 500  
City: Hobbs  
Phone #: 575-964-7814  
Fax #:   
Project #:   
Project Name:   
Project Location:   
Sampler Name:   
FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

FOR LAB USE ONLY

MATRIX

PRESERV

SAMPLING

Lab I.D. Sample I.D.

1246889

ESW8-31

ESW8-31

ESW9-31

ESW9-31

ESW10-31

ESW11-31

ESW12-31

ESW12-31

ESW12-31

ESW12-31

ESW12-31

ESW12-31

ESW12-31

(G)RAB OR (C)OMP.  
# CONTAINERS  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER :  
ACID/BASE:  
ICE / COOL  
OTHER :

DATE

TIME

CL  
TPH  
BTex

PLEASE NOTE: Liability and Damages: Cardinal's liability and clients exclusive remedy for any claim arising without faulted in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.

Relinquished By:

Date:

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Date:

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Delivered By: (Circle One) -0.5°C-0.0°C

Sample Condition

CHECKED BY:

Sampler - UPS - Bus - Other:

-1.1°C #140

Yes No

SR

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326





### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

282.

[illegible]

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

Action 431158

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431158
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2425343251
Incident Name	NAPP2425343251 PUCKETT 13 FEDERAL TANK BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PUCKETT 13 FEDERAL TANK BATTERY
Date Release Discovered	09/08/2024
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error   Other (Specify)   Produced Water   Released: 18 BBL   Recovered: 1 BBL   Lost: 17 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	DURING ROUTINE INSPECTION, AN OPERATOR FOUND A FLOWLINE LEAK WITH DUCT TAPE AROUND IT. IT APPEARS TO HAVE BEEN HIT BY A PIECE OF EQUIPMENT FROM A DIFFERENT COMPANY AND NOT REPORTED TO SPUR

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 2

Action 431158

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431158
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<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	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<b>N/A</b>

*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: Katherine Purvis Title: EHS Coordinator Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 02/12/2025
--	---



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 3

Action 431158

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431158
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 500 and 1000 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

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

Requesting a remediation plan approval with this submission	Yes
<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)	18200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	26.8
GRO+DRO (EPA SW-846 Method 8015M)	26.8
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	11/01/2024
On what date will (or did) the final sampling or liner inspection occur	11/06/2024
On what date will (or was) the remediation complete(d)	11/10/2024
What is the estimated surface area (in square feet) that will be reclaimed	6000
What is the estimated volume (in cubic yards) that will be reclaimed	515
What is the estimated surface area (in square feet) that will be remediated	6000
What is the estimated volume (in cubic yards) that will be remediated	515

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

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

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 4

Action 431158

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431158
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<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>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 02/12/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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 5  
  
Action 431158

QUESTIONS (continued)

Operator:  Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:  328947
	Action Number:  431158
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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 431158

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431158
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	398299
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/06/2024
What was the (estimated) number of samples that were to be gathered	60
What was the sampling surface area in square feet	6000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	6000
What was the total volume (cubic yards) remediated	515
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	6000
What was the total volume (in cubic yards) reclaimed	515
Summarize any additional remediation activities not included by answers (above)	CONTAMINATAED SOIL WAS REMOVED IN ACCORDANCE WITH THE MOST STRINGENT STANDARDS SET FORTH BY NMOCD
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 02/12/2025

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 7  
  
Action 431158

QUESTIONS (continued)

Operator:  Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:  328947
	Action Number:  431158
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No



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

CONDITIONS

Action 431158

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431158
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved with one condition: for future releases at this location, under the Site Characterization portion of the C-141 application the minimum distance to a significant watercourse should be updated to 1000 ft-1/2 mile. It is located within the 100 year floodplain directly west of release.	2/24/2025