



June 7, 2023

NMOCD District 2  
 Mike Bratcher  
 Artesia, NM 88210

Bureau of Land Management  
 Crisha Morgan  
 Carlsbad Field Office

**Re: Variance Request**  
**Riser 35 Pipe 03**  
**API No. N/A**  
**GPS: Latitude 32.8410149 Longitude -104.0705795**  
**UL "A", Sec. 16, T17S, R29E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAPP2222853195**

Mr. Bratcher,

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment, conduct remediation activities, and request this variance for the Riser 35 Pipe 03 (Riser).

It is the intent of Spur to request a closure variance from the New Mexico Oil Conservation District (NMOCD) regarding the current open remediation at the Riser.

More specifically, we are recommending that a Felt Bentonite Clay Liner be installed at the current 4-foot bottom excavation. This is where the source of the spill occurred and the area that was impacted by the incident. A site map (Figure 1) illustrates the impact area from this release. The area impacted measures approximately 205 feet long and 30 feet at its widest point. The liner is proposed to encapsulate the remaining chloride impacts below 5-foot deep. The nearest groundwater was determined to be 76 feet below land surface in the area outside of Loco Hills.

Release Details			
<b>Type of Release:</b>	Produced Water	<b>Volume of Release:</b>	56 bbls
		<b>Volume Recovered:</b>	0 bbls
<b>Source of Release:</b>	Steel Connection	<b>Date of Release:</b>	08/16/22
<b>Was Immediate Notice Given?</b>	Yes	<b>If, Yes, to Whom?</b>	OCD Online
<b>Was a Watercourse Reached?</b>	No	<b>If Yes, Volume Impacting Watercourse:</b>	N/A
<b>Surface Owner:</b>	State	<b>Mineral Owner:</b>	Unknown
A hole developed in the steel section of the Riser 35.			

Topographical and Aerial Maps are provided in Figures #2 and #4. A copy of the Initial Release Notification and Corrective Action (NMOCD Form C-141) can be found in Appendix C.

## REGULATORY FRAMEWORK

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:

<b>Site Characteristics</b>	
Approximate Depth to Groundwater	<b>76'</b>
Within 330 ft. of any continuously flowing or significant watercourse?	<b>NO</b>
Within 200 ft. of any lakebed, sinkhole, or playa lake?	<b>NO</b>
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	<b>NO</b>
Within 500 ft. of a spring, private, or domestic freshwater well?	<b>NO</b>
Within 1000 ft. of any fresh water well?	<b>NO</b>
Within the incorporated municipal boundaries or within a municipal well field?	<b>NO</b>
Within 300 ft. of a wetland?	<b>NO</b>
Within the area overlying a subsurface mine?	<b>NO</b>
Within an unstable area such as Karst?	<b>YES</b>
Within a 100-year floodplain?	<b>NO</b>

A search of the groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average groundwater depth within one (1) Mile radius of the Release Site and identify any registered water wells within ½ Mile of the Release Site. The data initially found on the State Engineers website showed there was no water data within a ½ mile radius. Because of this as well as that the spill happened in a pasture area and HIGH Karst area, it was cleaned up to the most stringent criteria.

Depth to groundwater information is provided in Appendix A.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation- and is made up of older alluvial deposits of upland plains and piedmont areas, and calcic soils and eolian cover sediments of the High Plains region (middle to lower Pleistocene)- Includes scattered lacustrine playa, and alluvial deposits of the Tahoka, Double Tanks, Tule, Blackwater Draw, and Gatuna Formations, the latter of which may be Pliocene at base; outcrops, however, are basically of quaternary deposits (QOA). The soil in this area is made up of Reeves-Gypsum land complex, 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are well-drained. There is a High potential for karst geology to be present around the Riser (Figure #3).

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

<b>TABLE I CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE</b>			
	<b>Constituent</b>	<b>Method</b>	<b>Limit</b>
<b>&lt;50 Feet</b>	Chloride	EPA 300.0	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

**INITIAL SITE ASSESSMENT**

On October 12, 2022, Paragon conducted an initial site assessment. During the initial site assessment, nine (9) soil samples were collected in this area to determine the vertical extent of soil impact. An additional five (5) samples were obtained to determine horizontal impacts. 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:

NMOCD Table 1 Closure Criteria 19.15.29 NMAC								
Sample Date	10-12-22	Closure Criteria ≤50 mg/kg	Closure Criteria ≤10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S-1	6"	ND	ND	14.4	4600	813	5427.4	208
	1'	ND	ND	ND	33.6	ND	33.6	256
	2'	ND	ND	ND	33.7	ND	33.7	64
S-2	6"	ND	ND	ND	73.9	33.4	107.3	8800
	1'	ND	ND	ND	ND	ND	ND	11000
	2'	ND	ND	ND	ND	ND	ND	1540
	3'	ND	ND	ND	ND	ND	ND	17400
S-3	6"	ND	ND	ND	72.1	40.6	112.7	3800
	1'	ND	ND	ND	ND	ND	ND	4840
	2'	ND	ND	ND	ND	ND	ND	4640
	3'	ND	ND	ND	ND	ND	ND	ND
S-4	6"	ND	ND	ND	ND	ND	ND	11200
	1'	ND	ND	ND	ND	ND	ND	7920
	2'	ND	ND	ND	ND	ND	ND	9860
	3'	ND	ND	ND	ND	ND	ND	12800
S-5	6"	ND	ND	ND	14.2	ND	14.2	6100
	1'	ND	ND	ND	ND	ND	ND	11200
	2'	ND	ND	ND	ND	ND	ND	10000
	3'	ND	ND	ND	ND	ND	ND	48
S-6	6"	ND	ND	ND	ND	ND	ND	320
	1'	ND	ND	ND	ND	ND	ND	6660
	2'	ND	ND	ND	ND	ND	ND	13100
	3'	ND	ND	ND	ND	ND	ND	12600
S-7	6"	ND	ND	ND	11.8	ND	11.8	304
	1'	ND	ND	ND	ND	ND	ND	6600
	2'	ND	ND	ND	ND	ND	ND	11600
	3'	ND	ND	ND	ND	ND	ND	12800
S-8	6"	ND	ND	ND	ND	ND	ND	3440
	1'	ND	ND	ND	ND	ND	ND	6160
	2'	ND	ND	ND	ND	ND	ND	14600
S-9	6"	ND	ND	ND	ND	ND	ND	432
	1'	ND	ND	ND	ND	ND	ND	11200
	2'	ND	ND	ND	ND	ND	ND	29000
	3'	ND	ND	ND	ND	ND	ND	16000
EAST	SURFACE	ND	ND	ND	ND	ND	ND	20400
NORTH WEST	SURFACE	ND	ND	ND	ND	ND	ND	112
SOUTH WEST	SURFACE	ND	ND	ND	ND	ND	ND	64
SOUTH EAST	SURFACE	ND	ND	ND	ND	ND	ND	1860
NORTH EAST	SURFACE	ND	ND	ND	ND	ND	ND	128

ND- Analyte Not Detected

**REMEDIATION ACTIVITIES TO DATE**

- The impacted area has been excavated from 4 feet to 5 feet in depth across the entire spill area.
- Spur replaced the riser with all-new stainless-steel fittings and valves.
- Confirmation and Boring samples have been obtained for vertical and horizontal delineation. These samples were taken at 4- and 5-foot depths for bottoms and sidewalls.

3-3-23 Confirmation Bottom and Sidewall Sample Results

NMOC Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')						
Sample Date 3-3-23					Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	GRO	DRO	MRO	Total TPH	CHLORIDES
S-1	4	ND	182	35.9	217.9	1230
S-2	4	ND	43.5	12.5	43.5	3600
S-3	4	ND	112	45.2	157.2	1680
S-4	4	--	--	--	--	2200
S-5	4	--	--	--	--	3680
S-6	4	--	--	--	--	448
S-7	4	--	--	--	--	1060
S-8	4	--	--	--	--	2200
S-9	4	--	--	--	--	1380
S-10	4	--	--	--	--	688
S-11	4	ND	ND	ND	ND	368
S-12	4	ND	ND	ND	ND	912
S-13	4	ND	ND	ND	ND	400
S-14	4	ND	ND	ND	ND	512
S-15	4	--	--	--	--	560
S-16	4	--	--	--	--	816
S-17	4	--	--	--	--	1220
S-18	4	--	--	--	--	1070
S-19	4	--	--	--	--	1340
S-20	4	--	--	--	--	2680
S-21	4	--	--	--	--	1020
S-22	4	--	--	--	--	1250
S-23	4	--	--	--	--	1920
S-24	4	ND	149	59.4	208.4	800
S-25	4	ND	49.2	43	92.2	512
S-26	4	ND	81.1	25.6	106.7	1620
S-27	4	ND	91	19	110	400
S-28	4	ND	69.8	40.9	110.7	992
S-29	4	ND	53.7	48.8	102.5	9200
S-30	4	--	--	--	--	1220
S-31	4	--	--	--	--	2800
S-32	4	--	--	--	--	1230
S-33	4	--	--	--	--	1600
S-34	4	--	--	--	--	448
S-35	4	--	--	--	--	384
S-36	4	--	--	--	--	384
NSW-1	4	--	--	--	--	304
NSW-2	4	--	--	--	--	672
NSW-3	4	--	--	--	--	736
NSW-4	4	--	--	--	--	208
ESW-1	4	--	--	--	--	304
ESW-2	4	--	--	--	--	304
SSW-1	4	--	--	--	--	160
SSW-2	4	--	--	--	--	1120
SSW-3	4	--	--	--	--	1570
SSW-4	4	--	--	--	--	3600
WSW-1	4	--	--	--	--	960
WSW-2	4	--	--	--	--	1480

ND- Analyte Not Detected/-- Analyte Not Tested

After receiving the sample results, it was decided to advance the sidewalls that were above closure criteria by 1 foot. Once this was completed, we tested these areas again. The results are below:

3-17-23 Advanced Sidewall Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date 3-17-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
WSW-1	4	ND	ND	ND	ND	ND	ND	720
WSW-2	4	ND	ND	ND	ND	ND	ND	32
SSW-4	4	ND	ND	ND	ND	ND	ND	32
SSW-3	4	ND	ND	ND	ND	ND	ND	16
SSW-2	4	ND	ND	ND	ND	ND	ND	96
NSW-3	4	ND	ND	ND	ND	ND	ND	480
NSW-2	4	ND	ND	ND	ND	ND	ND	192

ND- Analyte Not Detected

We then scheduled to utilize a geoprobe to advance our vertical samples in order to obtain vertical delineation. This data was necessary in order for us to ask for this variance. We obtained samples starting at 6 feet, each soil boring obtained 4 feet of soil. We field titrated the bottom sample of each boring to determine if we needed to advance additional samples. We advanced the boring until clean results were found. We sent these samples to the lab for final analysis, those results are in the following data table.

4-19-23 Soil Boring Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date 4-19-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
B-1	20	--	--	--	--	--	--	16
B-2	22	--	--	--	--	--	--	48
B-3	21	--	--	--	--	--	--	80
B-4	21	--	--	--	--	--	--	96
B-5	25	--	--	--	--	--	--	144
B-6	24	--	--	--	--	--	--	80
B-7	24	--	--	--	--	--	--	128
B-8	24	--	--	--	--	--	--	32
B-9	21	--	--	--	--	--	--	32

-- Analyte Not Tested

### VARIANCE REQUEST

- Paragon will advance the WSW-1 area an additional 1 foot and resample. Based on clean field titrations obtained and tested, that additional foot will eliminate the chlorides horizontally on that sidewall.
- Paragon will then install a Felt Bentonite Clay Liner at the excavation depth of 4-5 feet along the length of the excavation. The liner will be keyed at the edges to prevent future movement. Clean topsoil and sand have been stockpiled at the site and will be used to backfill the area.

Paragon requests that the incident, NAPP2222853195, be granted the variance to advance bringing the incident to closure.

If you have any questions or need additional information, please contact Chris Jones at (575)964-7814 or email at [chris@paragonenvironmental.net](mailto:chris@paragonenvironmental.net).

Respectfully,



Chris Jones  
Environmental Professional  
Paragon Environmental, LLC



### **Attachments**

#### **Figures:**

- 1- Site Map
- 2- Topographic Map
- 3- Karst Map
- 4- Aerial Map
- 5- Confirmation Map
- 6- Boring Map

#### **Appendices:**

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and FEMA Flood Map
- Appendix C – C-141
- Appendix D – Email Notification & Photographic Documentation
- Appendix E – Laboratory Reports



Figures:

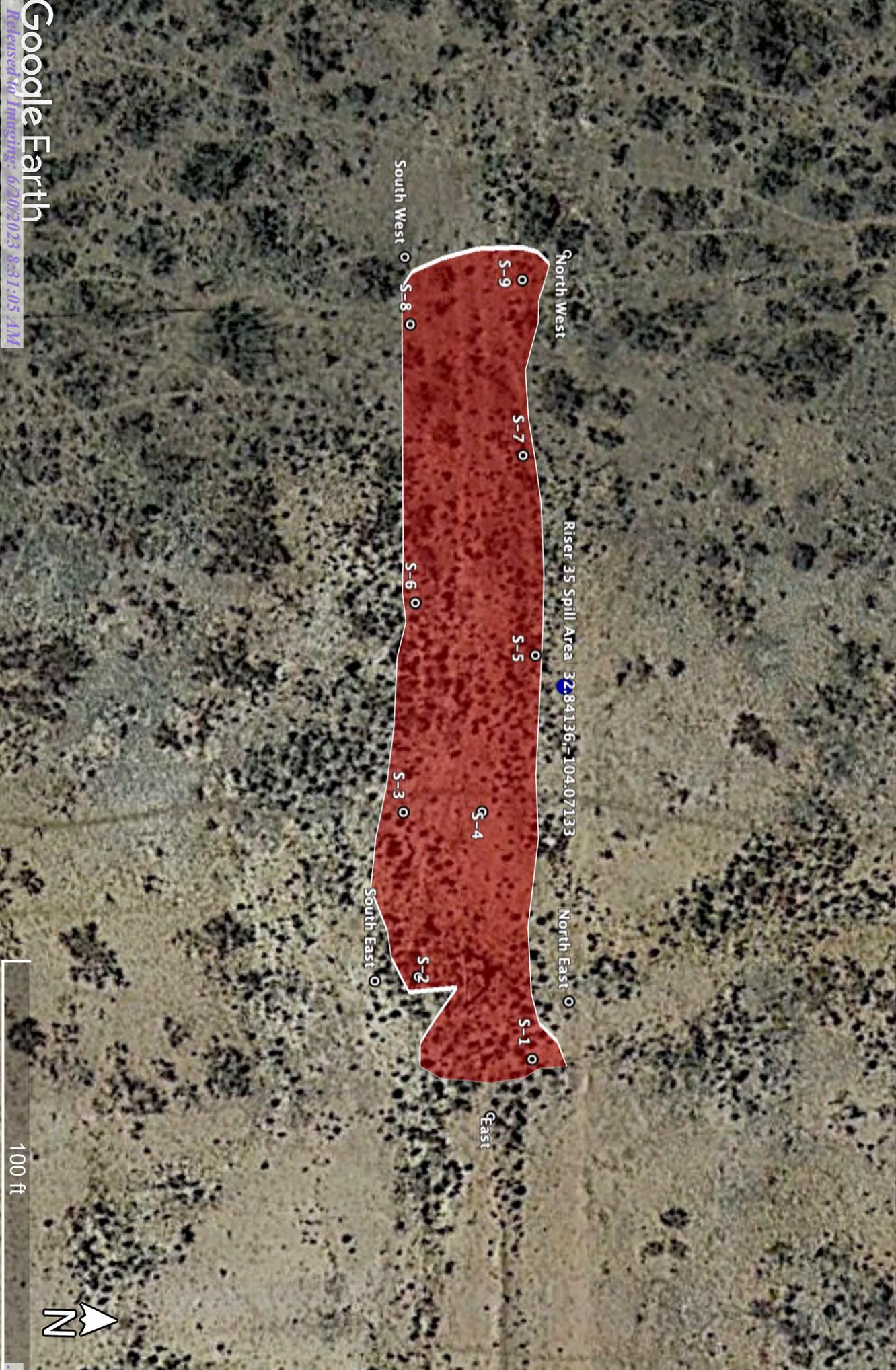
- 1- Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Aerial Map

# Spur Energy Partners

Riser 35 Pipe 03  
Eddy County, NM  
Site Map

**Legend**

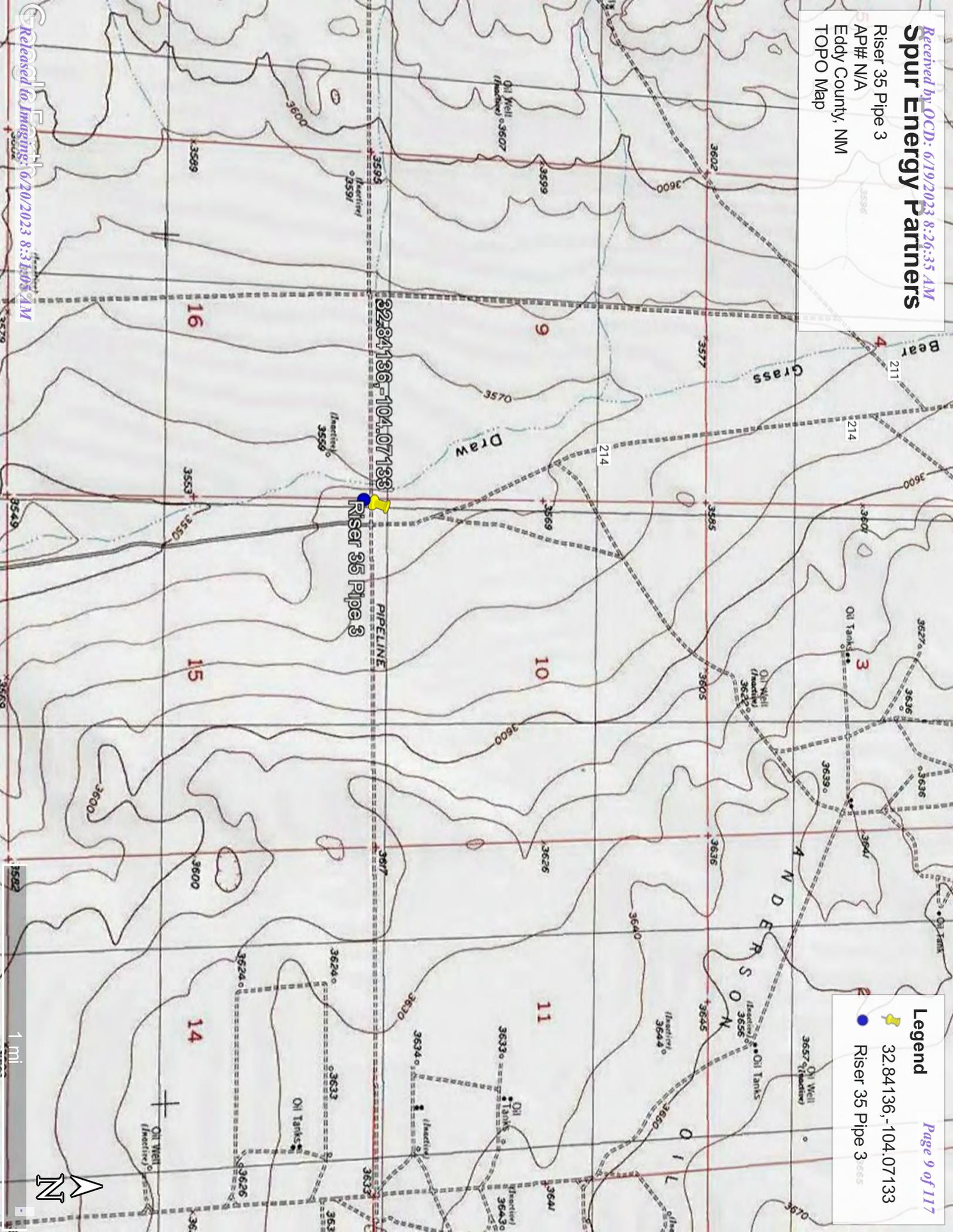
- Riser 35 Spill Area 32.84136, -104.07133
- Samples
- Spill Area



Riser 35 Pipe 3  
AP# N/A  
Eddy County, NM  
TOPO Map

**Legend**

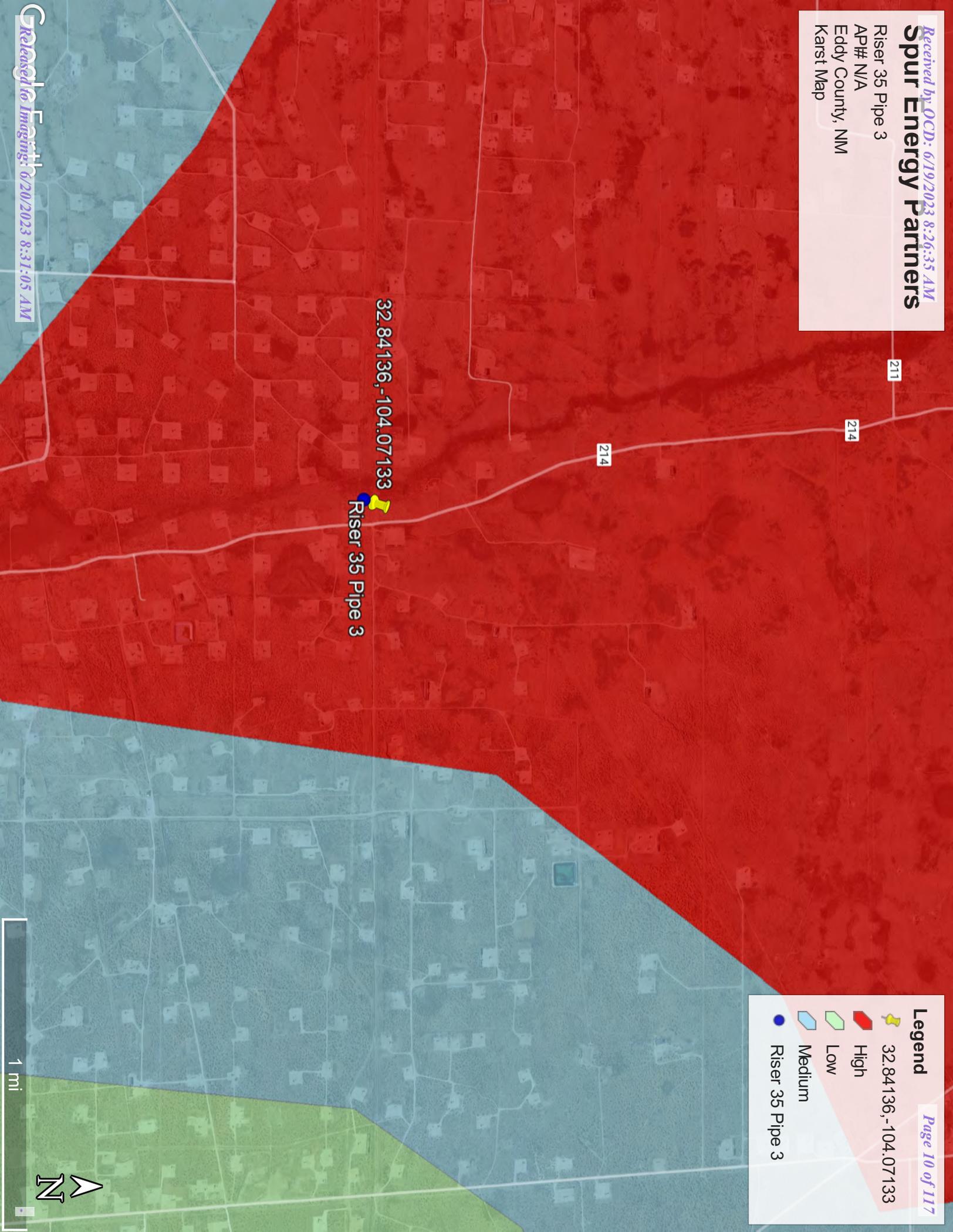
-  32.84136, -104.07133
-  Riser 35 Pipe 3



Riser 35 Pipe 3  
AP# N/A  
Eddy County, NM  
Karst Map

**Legend**

-  32.84136, -104.07133
-  High
-  Low
-  Medium
-  Riser 35 Pipe 3



32.84136, -104.07133

Riser 35 Pipe 3

211

214

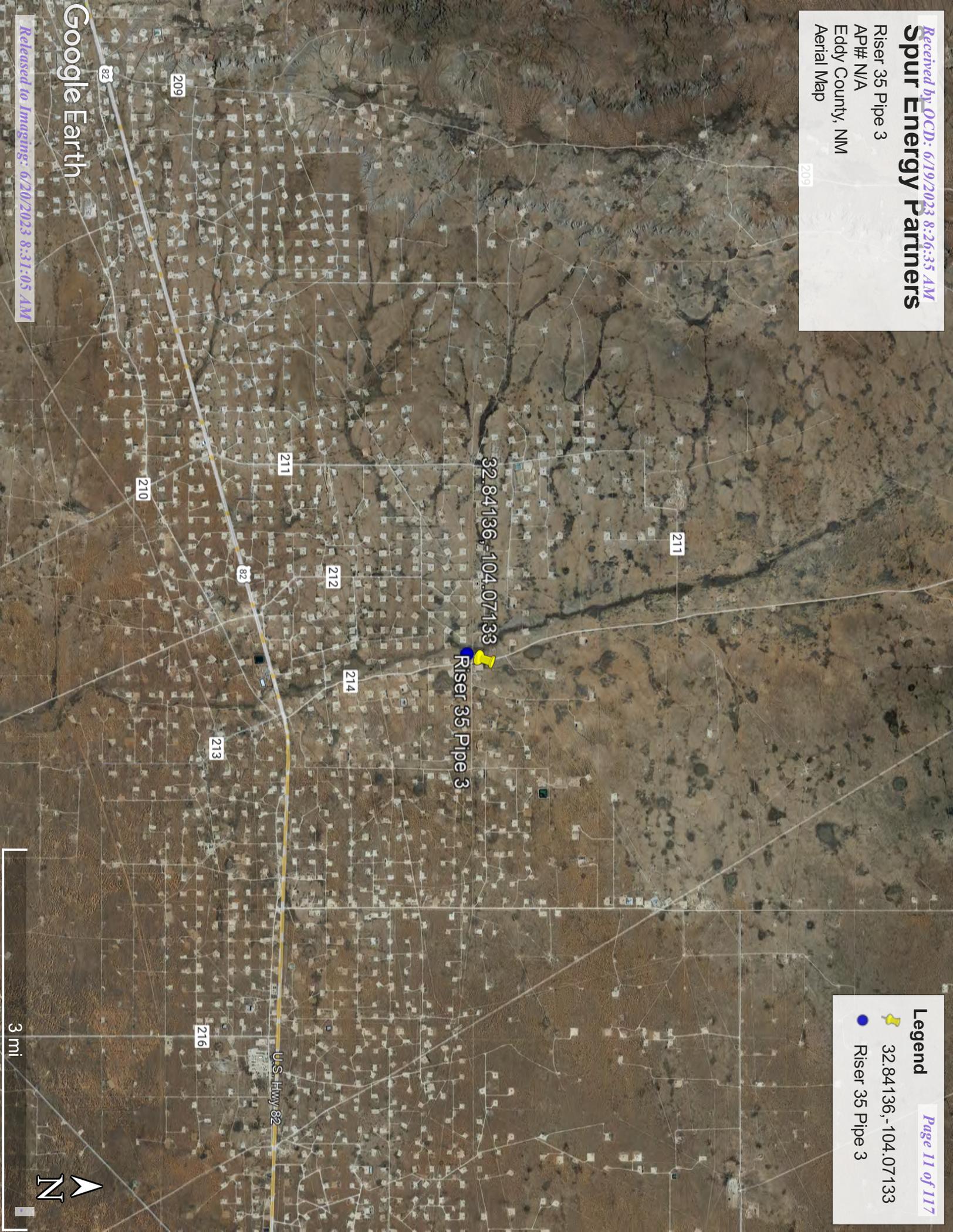
214

1 mi



Riser 35 Pipe 3  
AP# N/A  
Eddy County, NM  
Aerial Map

209



32.84136, -104.07133

Riser 35 Pipe 3

U.S. Hwy 82

Google Earth

Released to Imaging: 6/20/2023 8:31:05 AM

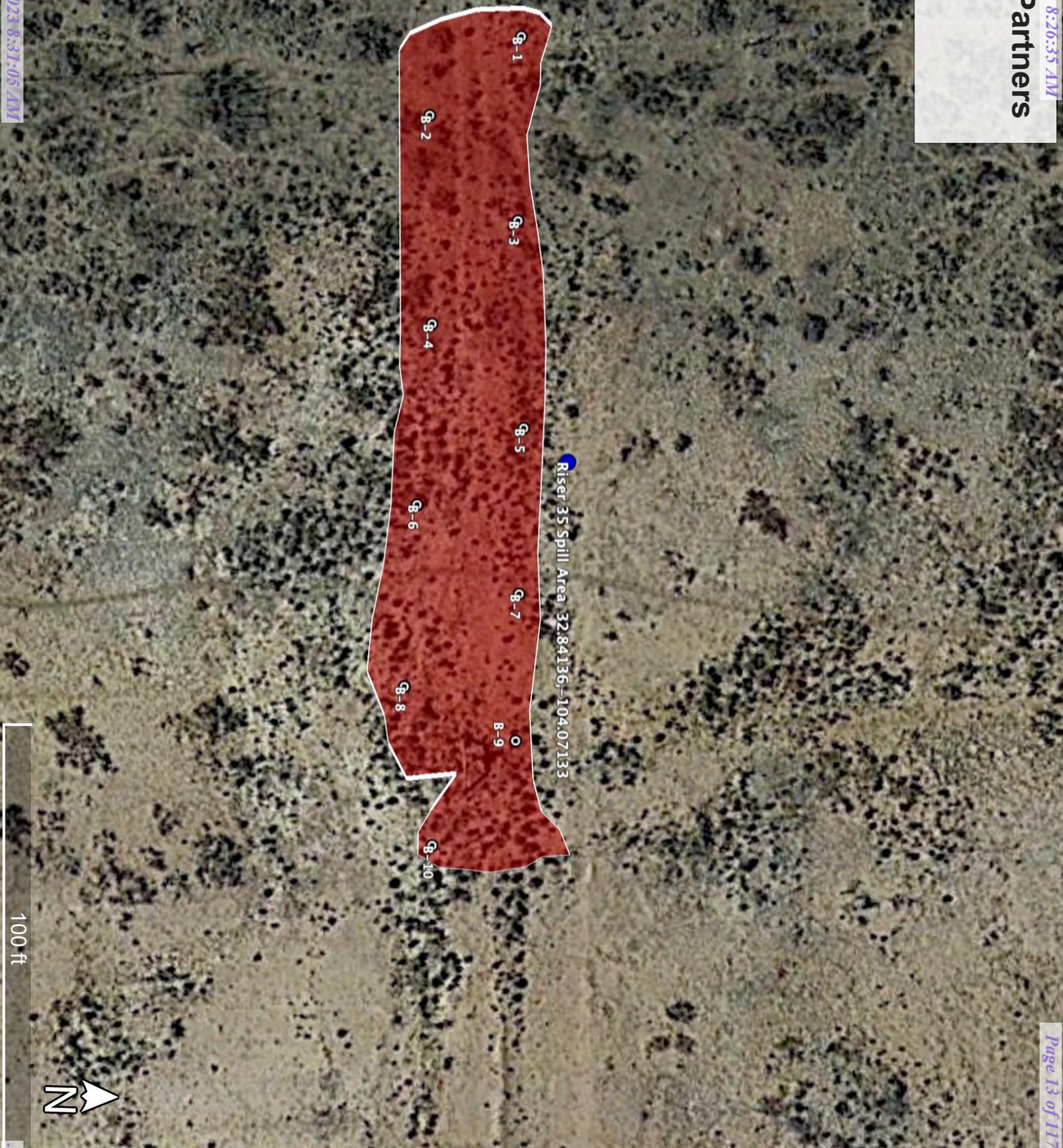
3 mi





# Spur Energy Partners

Riser 35 Pipe 03  
Eddy County, NM  
Boring Map



Riser 35 Spill Area 32.84136,-104.07133

G-1

G-2

G-3

G-4

G-5

G-6

G-7

G-8

B-9

G-10

100 ft





Appendix A  
Referenced Water Data:

New Mexico State of Engineers Office



# New Mexico Office of the State Engineer

## 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.)

(R=POD has been replaced,  
O=orphaned,  
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">RA 11807 POD1</a>	RA	ED		1	2	3	22	17S	29E	587360	3631585	2536	131	76	55

Average Depth to Water: 76 feet

Minimum Depth: 76 feet

Maximum Depth: 76 feet

Record Count: 1

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 586909.854

**Northing (Y):** 3634081.715

**Radius:** 5000

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.

10/18/22 3:24 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)		
		(quarters are smallest to largest)	(NAD83 UTM in meters)	
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64 Q16 Q4</b>	<b>Sec TwS Rng</b>	<b>X Y</b>
RA 11807	POD1	1 2 3	22 17S 29E	587360 3631585

<b>Driller License:</b> 1348	<b>Driller Company:</b> TAYLOR WATER WELL SERVICE	
<b>Driller Name:</b> TAYLOR, CLINTON E.		
<b>Drill Start Date:</b> 11/23/2012	<b>Drill Finish Date:</b> 11/26/2012	<b>Plug Date:</b>
<b>Log File Date:</b> 03/26/2013	<b>PCW Rev Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 4 GPM
<b>Casing Size:</b> 4.50	<b>Depth Well:</b> 131 feet	<b>Depth Water:</b> 76 feet

Water Bearing Stratifications:	Top	Bottom	Description
	104	128	Other/Unknown

Casing Perforations:	Top	Bottom
	91	131

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.

10/18/22 3:24 PM

POINT OF DIVERSION SUMMARY



Appendix B  
Soil Survey:

U.S.D.A.  
FEMA Flood Map

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

## Eddy Area, New Mexico

### RG—Reeves-Gypsum land complex, 0 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5f  
*Elevation:* 1,250 to 5,000 feet  
*Mean annual precipitation:* 10 to 25 inches  
*Mean annual air temperature:* 57 to 70 degrees F  
*Frost-free period:* 190 to 235 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Reeves and similar soils:* 55 percent  
*Gypsum land:* 30 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Reeves

##### Setting

*Landform:* Ridges, plains, hills  
*Landform position (two-dimensional):* Shoulder, backslope, footslope, toeslope  
*Landform position (three-dimensional):* Side slope, head slope, nose slope, crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Residuum weathered from gypsum

##### Typical profile

*H1 - 0 to 8 inches:* loam  
*H2 - 8 to 32 inches:* clay loam  
*H3 - 32 to 60 inches:* gypsiferous material

##### Properties and qualities

*Slope:* 0 to 1 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 25 percent  
*Gypsum, maximum content:* 80 percent  
*Maximum salinity:* Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 4.0  
*Available water supply, 0 to 60 inches:* Low (about 4.3 inches)

Map Unit Description: Reeves-Gypsum land complex, 0 to 3 percent slopes---Eddy Area, New Mexico

---

### Interpretive groups

*Land capability classification (irrigated):* 3s  
*Land capability classification (nonirrigated):* 7s  
*Hydrologic Soil Group:* B  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

### Description of Gypsum Land

#### Setting

*Landform:* Ridges, plains, hills  
*Landform position (two-dimensional):* Shoulder, backslope, footslope, toeslope  
*Landform position (three-dimensional):* Side slope, head slope, nose slope, crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Residuum weathered from gypsum

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 8s  
*Hydric soil rating:* No

### Minor Components

#### Largo

*Percent of map unit:* 5 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### Reagan

*Percent of map unit:* 5 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### Cottonwood

*Percent of map unit:* 5 percent  
*Ecological site:* R070BC033NM - Salty Bottomland  
*Hydric soil rating:* No

## Data Source Information

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 18, Sep 8, 2022



104°43'6"W 32°50'44"N



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

## Legend

	Without Base Flood Elevation (BFE) Zone A, V, A99 With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway
	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 OF FLOOD HAZARD

	Area of Minimal Flood Hazard Zone X
	Effective LOMRs
	Area of Undetermined Flood Hazard Zone D

### OTHER AREAS GENERAL STRUCTURES

	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall

	20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
	17.5 Coastal Transect
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Transect Baseline
	Profile Baseline
	Hydrographic Feature

	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 **10/18/2022 at 5:26 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 unmoderated areas cannot be used for regulatory purposes.



Appendix C:

C-141

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources Department

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Incident ID	nAPP2222853195
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	Spur Energy Partners, LLC	OGRID	328947
Contact Name	Chad Hensley	Contact Telephone	(346) 339-1494
Contact email	chensley@spurenergy.com	Incident # (assigned by OCD)	nAPP2222853195
Contact mailing address	9655 Katy Freeway, Suite 500, Houston, TX 77024		

### Location of Release Source

Latitude 32.8410149 Longitude -104.0705795  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name	Riser 35	Site Type	Pipeline
Date Release Discovered	08/16/2022	API# (if applicable)	N/A

Unit Letter	Section	Township	Range	County
A	16	17S	29E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 56bbl	Volume Recovered (bbls) 0bbl
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

We had a hole appear in the steel section of riser 35

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	nAPP2222853195
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?  <p style="text-align: center;">Release greater than 25bbl.</p>
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:  
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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.
Printed Name: <u>Chad Hensley</u> Title: <u>EHS Coordinator</u> Signature: <u></u> Date: _____ email: <u>chensley@spurenergy.com</u> Telephone: <u>(346) 339-1494</u>
<b><u>OCD Only</u></b> Received by: <u>Jocelyn Harimon</u> Date: <u>08/17/2022</u>



Appendix D:  
Photographic Documentation

Wednesday, June 7, 2023 at 10:37:06 Central Daylight Time

---

**Subject:** Riser 35 conformation samples

**Date:** Wednesday, March 1, 2023 at 9:22:22 AM Central Standard Time

**From:** Angel Pena

**To:** Bratcher, Michael, EMNRD, Chris Jones, Hamlet, Robert, EMNRD, Harimon, Jocelyn, EMNRD, Nobui, Jennifer, EMNRD, Tristan Jones

All,

This is to inform you all we will be collecting confirmation samples at the Riser 35 , 03-03-23 at 9:00 AM . If you have any questions or concerns, please let me know.

Incident number- nAPP2222853195

Thank You,

Angel Peña

575-605-0773

Paragon Environmental LLC.

Wednesday, June 7, 2023 at 10:37:34 Central Daylight Time

---

**Subject:** Riser 35

**Date:** Tuesday, March 14, 2023 at 6:14:07 PM Central Daylight Time

**From:** Angel Pena

**To:** Bratcher, Michael, EMNRD, Harimon, Jocelyn, EMNRD, Nobui, Jennifer, EMNRD, Hamlet, Robert, EMNRD, Chris Jones, Tristan Jones

All,

This is to inform you all we will be collecting confirmation samples at the Riser 35 ,03-17-23 at 9:00 AM . If you have any questions or concerns, please let me know.

Incident number~ nAPP2222853195

Thank You,

Angel Peña

575-605-0773

Paragon Environmental LLC.



### Photographic Documentation

#### Incident





During Project







Appendix E:  
Laboratory Results



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

---

March 08, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: RISER 35

Enclosed are the results of analyses for samples received by the laboratory on 03/03/23 16:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 1 (H230992-01)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1230</b>	16.0	03/06/2023	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2023	ND	206	103	200	3.68	
<b>DRO &gt;C10-C28*</b>	<b>182</b>	10.0	03/08/2023	ND	191	95.6	200	0.812	
<b>EXT DRO &gt;C28-C36</b>	<b>35.9</b>	10.0	03/08/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134  
Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

**Sample ID: S - 2 (H230992-02)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3600</b>	16.0	03/06/2023	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2023	ND	206	103	200	3.68	
<b>DRO &gt;C10-C28*</b>	<b>43.5</b>	10.0	03/08/2023	ND	191	95.6	200	0.812	
<b>EXT DRO &gt;C28-C36</b>	<b>12.5</b>	10.0	03/08/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 3 (H230992-03)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1680</b>	16.0	03/06/2023	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/08/2023	ND	206	103	200	3.68	
<b>DRO &gt;C10-C28*</b>	<b>112</b>	10.0	03/08/2023	ND	191	95.6	200	0.812	
<b>EXT DRO &gt;C28-C36</b>	<b>45.2</b>	10.0	03/08/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>	82.4 %	48.2-134							
<i>Surrogate: 1-Chlorooctadecane</i>	89.5 %	49.1-148							

**Sample ID: S - 4 (H230992-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2200</b>	16.0	03/06/2023	ND	400	100	400	3.92	

**Sample ID: S - 5 (H230992-05)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3680</b>	16.0	03/06/2023	ND	400	100	400	3.92	

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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 6 (H230992-06)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/06/2023	ND	400	100	400	3.92	

**Sample ID: S - 7 (H230992-07)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	03/06/2023	ND	400	100	400	3.92	

**Sample ID: S - 8 (H230992-08)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	03/06/2023	ND	400	100	400	3.92	

**Sample ID: S - 9 (H230992-09)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	03/06/2023	ND	400	100	400	3.92	

**Sample ID: S - 10 (H230992-10)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	03/06/2023	ND	400	100	400	3.92	

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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 11 (H230992-11)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>368</b>	16.0	03/06/2023	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	03/06/2023	ND	206	103	200	3.68	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	191	95.6	200	0.812	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	66.8 %	48.2-134							
Surrogate: 1-Chlorooctadecane	70.1 %	49.1-148							

**Sample ID: S - 12 (H230992-12)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>912</b>	16.0	03/06/2023	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	03/06/2023	ND	206	103	200	3.68	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	191	95.6	200	0.812	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	60.4 %	48.2-134							
Surrogate: 1-Chlorooctadecane	63.8 %	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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 13 (H230992-13)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>400</b>	16.0	03/06/2023	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	03/06/2023	ND	206	103	200	3.68	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	191	95.6	200	0.812	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	59.4 %	48.2-134							
Surrogate: 1-Chlorooctadecane	62.0 %	49.1-148							

**Sample ID: S - 14 (H230992-14)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>512</b>	16.0	03/06/2023	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	03/06/2023	ND	206	103	200	3.68	
DRO >C10-C28*	<10.0	10.0	03/06/2023	ND	191	95.6	200	0.812	
EXT DRO >C28-C36	<10.0	10.0	03/06/2023	ND					
Surrogate: 1-Chlorooctane	66.0 %	48.2-134							
Surrogate: 1-Chlorooctadecane	69.3 %	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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 15 (H230992-15)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	03/06/2023	ND	432	108	400	3.77	

**Sample ID: S - 16 (H230992-16)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	03/06/2023	ND	432	108	400	3.77	

**Sample ID: S - 17 (H230992-17)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	03/06/2023	ND	432	108	400	3.77	

**Sample ID: S - 18 (H230992-18)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	03/06/2023	ND	432	108	400	3.77	

**Sample ID: S - 19 (H230992-19)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	03/06/2023	ND	432	108	400	3.77	

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  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 20 (H230992-20)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	03/06/2023	ND	432	108	400	3.77	

**Sample ID: S - 21 (H230992-21)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	03/06/2023	ND	432	108	400	3.77	

**Sample ID: S - 22 (H230992-22)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	03/06/2023	ND	432	108	400	3.77	

**Sample ID: S - 23 (H230992-23)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1920	16.0	03/06/2023	ND	432	108	400	3.77	

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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 24 (H230992-24)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>800</b>	16.0	03/06/2023	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	03/08/2023	ND	206	103	200	3.68	
<b>DRO &gt;C10-C28*</b>	<b>149</b>	10.0	03/08/2023	ND	191	95.6	200	0.812	
<b>EXT DRO &gt;C28-C36</b>	<b>59.4</b>	10.0	03/08/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>73.5 %</i>	<i>48.2-134</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>81.0 %</i>	<i>49.1-148</i>							

**Sample ID: S - 25 (H230992-25)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>512</b>	16.0	03/06/2023	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	03/08/2023	ND	206	103	200	3.68	
<b>DRO &gt;C10-C28*</b>	<b>49.2</b>	10.0	03/08/2023	ND	191	95.6	200	0.812	
<b>EXT DRO &gt;C28-C36</b>	<b>43.0</b>	10.0	03/08/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>65.1 %</i>	<i>48.2-134</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>69.5 %</i>	<i>49.1-148</i>							

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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 26 (H230992-26)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1620</b>	16.0	03/06/2023	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	03/08/2023	ND	206	103	200	3.68	
<b>DRO &gt;C10-C28*</b>	<b>81.1</b>	10.0	03/08/2023	ND	191	95.6	200	0.812	
<b>EXT DRO &gt;C28-C36</b>	<b>25.6</b>	10.0	03/08/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>76.3 %</i>	<i>48.2-134</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>82.0 %</i>	<i>49.1-148</i>							

**Sample ID: S - 27 (H230992-27)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>400</b>	16.0	03/06/2023	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	03/08/2023	ND	206	103	200	3.68	
<b>DRO &gt;C10-C28*</b>	<b>91.0</b>	10.0	03/08/2023	ND	191	95.6	200	0.812	
<b>EXT DRO &gt;C28-C36</b>	<b>19.0</b>	10.0	03/08/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>61.7 %</i>	<i>48.2-134</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>66.8 %</i>	<i>49.1-148</i>							

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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 28 (H230992-28)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>992</b>	16.0	03/06/2023	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	03/08/2023	ND	206	103	200	3.68	
<b>DRO &gt;C10-C28*</b>	<b>69.8</b>	10.0	03/08/2023	ND	191	95.6	200	0.812	
<b>EXT DRO &gt;C28-C36</b>	<b>40.9</b>	10.0	03/08/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>70.7 %</i>	<i>48.2-134</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>76.6 %</i>	<i>49.1-148</i>							

**Sample ID: S - 29 (H230992-29)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>9200</b>	16.0	03/06/2023	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	03/08/2023	ND	206	103	200	3.68	
<b>DRO &gt;C10-C28*</b>	<b>53.7</b>	10.0	03/08/2023	ND	191	95.6	200	0.812	
<b>EXT DRO &gt;C28-C36</b>	<b>48.8</b>	10.0	03/08/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>	<i>73.8 %</i>	<i>48.2-134</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>79.2 %</i>	<i>49.1-148</i>							

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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 30 (H230992-30)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	03/06/2023	ND	432	108	400	3.77	

**Sample ID: S - 31 (H230992-31)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	03/06/2023	ND	416	104	400	0.00	QM-07

**Sample ID: S - 32 (H230992-32)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: S - 33 (H230992-33)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: S - 34 (H230992-34)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	03/06/2023	ND	416	104	400	0.00	

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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S - 35 (H230992-35)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: S - 36 (H230992-36)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: NSW - 1 (H230992-37)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: NSW - 2 (H230992-38)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: NSW - 3 (H230992-39)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	03/06/2023	ND	416	104	400	0.00	

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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: NSW - 4 (H230992-40)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: ESW - 1 (H230992-41)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: ESW - 2 (H230992-42)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: SSW - 1 (H230992-43)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: SSW - 2 (H230992-44)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	03/06/2023	ND	416	104	400	0.00	

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  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	03/03/2023	Sampling Date:	03/03/2023
Reported:	03/08/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	SPUR	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: SSW - 3 (H230992-45)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1570	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: SSW - 4 (H230992-46)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: WSW - 1 (H230992-47)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	03/06/2023	ND	416	104	400	0.00	

**Sample ID: WSW - 2 (H230992-48)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1480	16.0	03/06/2023	ND	416	104	400	0.00	

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

- 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.

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

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: SPUR

Project Name: 252V 35

Project Location: Eden County

Sampler Name: Jeremy Mauer

FOR LAB USE ONLY

BILL TO

P.O. #:

Company: SPUR

Attn: Brenda Walker

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H330992	S-1								03/05		TPH Ext.	
	S-2										345x Removed per Cust.	
	S-3										Chlorides	
	S-4											
	S-5											
	S-6											
	S-7											
	S-8											
	S-9											
	S-10											

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 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:

Date: 05/03

Received By: Spodisignery

Phone Result:  Yes  No

Fax Result:  Yes  No

Add'l Phone #: Add'l Fax #:

Relinquished By:

Date: 1/24/17

Received By: Spodisignery

Date:

Time:

Delivered By: (Circle One) 2.1k/c-o-o-l-o

Sample Condition Cool, Intact  Yes  No

CHECKED BY: (Initials) SP

Sampler - UPS - Bus - Other: 1.5c #113

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



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

**CHAIN-OF-CUSTODY AND 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 Owner: SPUZ Project Name: 25th St Project Location: Elder County Sampler Name: Steven Walker FOR LAB USE ONLY		<b>BILL TO</b> P.O. #: _____ Company: SPUZ Attn: Brady Walker Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. Sample I.D. #30992 11 13 14 15 16 17 18 19 20		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME 03/03	
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 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 analysis. 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.		MATRIX PRESERV SAMPLING TPH Ent. Hex Removed per Customer Chlorides 3/6/23	
Relinquished By: [Signature] Date: 6/10/23 Time: 1447		Received By: [Signature] Date: _____ Time: _____	
Delivered By: (Circle One) UPS - Bus - Other: 2100002 15: #113 Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____ REMARKS: Email results to Chris Jones	

† 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

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: SPW2

Project Name: 2-51V 35

Project Location: Edley Cemetery

Sampler Name: Steven Warner

FOR LAB USE ONLY

BILL TO

P.O. #:

Company: SPW2

Attn: Brady Walker

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
11030992												6/3/03			
31	S-31														
32	S-32														
33	S-33														
34	S-34														
35	S-35														
36	S-36														
37	NSW-1														
38	NSW-2														
39	NSW-3														
40	NSW-4														

Removed per customer  
 3/6/03  
 Chlorides

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 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: *[Signature]* Date: 05/13  
 Received By: *[Signature]* Date: 10/17  
 Relinquished By: *[Signature]* Date: 10/17  
 Received By: *[Signature]* Date: 10/17

Delivered By: (Circle One) *2-51V-0-0-0*  
 Sampler - UPS - Bus - Other: *15-#113*  
 Sample Condition: Cool  Intact   
 Checked By: *[Signature]*

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

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: 2:rev 35  
 Project Location: Eddy County  
 Sampler Name: Jeremy Winder  
 P.O. #:   
 Company: 57w2  
 Attn: Jeremy Winder  
 Address:   
 City:   
 State: Zip:   
 Phone #:   
 Fax #:   
**BILL TO** ANALYSIS REQUEST

FOR LAB USE ONLY  
 Lab I.D. Sample I.D.  
 (G)RAB OR (C)OMP.  
 # CONTAINERS  
 MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:  
 ACID/BASE: ICE / COOL OTHER:  
 DATE TIME  
 PRESERV. SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	REMARKS
41	ESW.1							03/05		Removed per customer to 3/6/23
42	ESW.2									On hold
43	SSW.1									
44	SSW.2									
45	SSW.3									
46	SSW.4									
47	SSW.5									
48	SSW.6									

PLEASE NOTE: Liability and Damages. Cardinal's facility and client's 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, 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]*  
 Date: 03/05  
 Time: 1047  
 Received By: *[Signature]*  
 Date:   
 Time:   
 Phone Result:  Yes  No Add'l Phone #:   
 Fax Result:  Yes  No Add'l Fax #:   
 REMARKS:

Delivered By: (Circle One) *2:rev 35*  
 Sampler - UPS - Bus - Other *1.5 = #113*  
 Sample Condition: Cool Intact  Yes  No  
 CHECKED BY: *[Signature]*  
 t Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



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

---

March 23, 2023

CASON SPURLOCK  
PARAGON ENVIROMENTAL  
5002 CARRAIGE RD  
HOBBS, NM 88242

RE: RISER 35

Enclosed are the results of analyses for samples received by the laboratory on 03/20/23 15:09.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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.

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 03/20/2023  
 Reported: 03/23/2023  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 1 (H231250-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2023	ND	2.24	112	2.00	1.42	
Toluene*	<0.050	0.050	03/22/2023	ND	2.28	114	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	6.94	116	6.00	1.71	
Total BTEX	<0.300	0.300	03/22/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	03/21/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	156	78.2	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	158	79.0	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 03/20/2023  
 Reported: 03/23/2023  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 2 (H231250-02)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2023	ND	2.24	112	2.00	1.42	
Toluene*	<0.050	0.050	03/22/2023	ND	2.28	114	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	6.94	116	6.00	1.71	
Total BTEX	<0.300	0.300	03/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/21/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	156	78.2	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	158	79.0	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	03/20/2023	Sampling Date:	03/17/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: SSW - 4 (H231250-03)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2023	ND	2.24	112	2.00	1.42	
Toluene*	<0.050	0.050	03/22/2023	ND	2.28	114	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	6.94	116	6.00	1.71	
Total BTEX	<0.300	0.300	03/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/21/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	156	78.2	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	158	79.0	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 102 % 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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	03/20/2023	Sampling Date:	03/17/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: SSW - 3 (H231250-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2023	ND	2.24	112	2.00	1.42	
Toluene*	<0.050	0.050	03/22/2023	ND	2.28	114	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	6.94	116	6.00	1.71	
Total BTEX	<0.300	0.300	03/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/21/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	156	78.2	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	158	79.0	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 03/20/2023  
 Reported: 03/23/2023  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 2 (H231250-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2023	ND	2.24	112	2.00	1.42	
Toluene*	<0.050	0.050	03/22/2023	ND	2.28	114	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	6.94	116	6.00	1.71	
Total BTEX	<0.300	0.300	03/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/21/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	156	78.2	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	158	79.0	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	03/20/2023	Sampling Date:	03/17/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: NSW - 3 (H231250-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2023	ND	2.24	112	2.00	1.42	
Toluene*	<0.050	0.050	03/22/2023	ND	2.28	114	2.00	1.51	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.86	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	6.94	116	6.00	1.71	
Total BTEX	<0.300	0.300	03/22/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	03/21/2023	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	156	78.2	200	12.3	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	158	79.0	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	03/20/2023	Sampling Date:	03/17/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: NSW - 2 (H231250-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/22/2023	ND	2.24	112	2.00	1.42		
Toluene*	<0.050	0.050	03/22/2023	ND	2.28	114	2.00	1.51		
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.86		
Total Xylenes*	<0.150	0.150	03/22/2023	ND	6.94	116	6.00	1.71		
Total BTEX	<0.300	0.300	03/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	03/21/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	156	78.2	200	12.3		
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	158	79.0	200	16.7		
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND						

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 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

Notes and Definitions

- 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.

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 **BILL TO** ANALYSIS REQUEST

Project Manager: Chris Jones P.O. #: **SPUR ENVY**

Address: 1601 N. Turner St., Ste 500 Company: **SPUR ENVY**

City: Hobbs State: NM zip: 88240 Attn:

Phone #: 575-964-7814 Fax #: Address:

Project #: Project Owner: **SPUR ENVY** City: State: Zip:

Project Name: **Riser 35** State: Zip:

Project Location: **Kawai Edin** Phone #: Fax #:

Sampler Name: **Angela D. Pena**

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:				ICE / COOL
H231250	WSW-1	9	1	1	1	1	1	1	1	1	1	3-17	11:00	Chlorides
	WSW-2	1	1	1	1	1	1	1	1	1	1			13TEX
	WSW-3	1	1	1	1	1	1	1	1	1	1			TPH
	WSW-4	1	1	1	1	1	1	1	1	1	1			
	WSW-5	1	1	1	1	1	1	1	1	1	1			
	WSW-2	1	1	1	1	1	1	1	1	1	1			

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 reasons or otherwise.

Relinquished By: *[Signature]* Date: **3-17** Received By: *[Signature]*

Relinquished By: *[Signature]* Date: **3-17** Received By: *[Signature]*

Delivered By: (Circle One) **U** U: **U** C: **U** O: **U** Sample Condition:  Intact  Cool  Yes  No

Sampler - UPS - Bus - Other: **-7:2: #113** Received By: *[Signature]* CHECKED BY: *[Signature]* (Initials)

REMARKS:

Phone Result:  Yes  No Add'l Phone #:

Fax Result:  Yes  No Add'l Fax #:

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



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

---

April 25, 2023

CASON SPURLOCK  
PARAGON ENVIROMENTAL  
5002 CARRAIGE RD  
HOBBS, NM 88242

RE: RISER 35

Enclosed are the results of analyses for samples received by the laboratory on 04/20/23 9:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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".

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	04/20/2023	Sampling Date:	04/19/2023
Reported:	04/25/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: B - 1 20' (H231915-01)**

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	04/24/2023	ND	416	104	400	0.00	

**Sample ID: B - 2 22' (H231915-02)**

Chloride, SM4500CI-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	04/24/2023	ND	416	104	400	0.00	

**Sample ID: B - 3 21' (H231915-03)**

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	04/24/2023	ND	416	104	400	0.00	

**Sample ID: B - 4 21' (H231915-04)**

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	04/24/2023	ND	416	104	400	0.00	

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	04/20/2023	Sampling Date:	04/19/2023
Reported:	04/25/2023	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: B - 5 25' (H231915-05)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/24/2023	ND	416	104	400	0.00	

**Sample ID: B - 6 24' (H231915-06)**

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	04/24/2023	ND	416	104	400	0.00	

**Sample ID: B - 7 24' (H231915-07)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/24/2023	ND	416	104	400	0.00	

**Sample ID: B - 8 24' (H231915-08)**

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	04/24/2023	ND	416	104	400	0.00	

**Sample ID: B - 9 21' (H231915-09)**

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	04/24/2023	ND	416	104	400	0.00	

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**

- 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.

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 **BILL TO** ANALYSIS REQUEST

Project Manager: Chris Jones P.O. #:

Address: 1601 N. Turner St., Ste 500 Company: SPUR

City: Hobbs State: NM Zip: 88240 Attn: Bradley W. Miller

Phone #: 575-964-7814 Fax #: Address:

Project #: Project Owner: SPUR City:

Project Name: E-Sax 35 State: Zip:

Project Location: Eddy County Phone #:

Sampler Name: Jeannette Moore Fax #:

FOR LAB USE ONLY MATRIX PRESERV SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	ANALYSIS REQUEST
#A3915	3-1 26'												6/14/19		Chlorides
	3-2 22'														
	3-3 21'														
	3-4 21'														
	3-5 25'														
	3-6 24'														
	3-7 24'														
	3-8 24'														
	3-9 21'														

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 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: [Signature] Date: 6/14/19 Received By: [Signature] Date: 06/14/19

Relinquished By: [Signature] Date: [Blank] Received By: [Signature] Date: [Blank]

Delivered By: (Circle One) -54: UPS - Bus - Other: -10:0: #113 Sample Condition Cool - Intact Yes  No

Checked By: [Signature] (Initials) [Signature]

REMARKS: Phone Result:  Yes  No Add'l Phone #: Fax Result:  Yes  No Add'l Fax #: Email: Chris Jones results

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



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

---

October 18, 2022

CASON SPURLOCK  
PARAGON ENVIROMENTAL  
5002 CARRAIGE RD  
HOBBS, NM 88242

RE: RISER 35

Enclosed are the results of analyses for samples received by the laboratory on 10/13/22 8:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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.

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 1 6" (H224809-01)**

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	10/16/2022	ND	1.98	98.9	2.00	0.458	
Toluene*	<0.050	0.050	10/16/2022	ND	2.12	106	2.00	0.403	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.96	97.9	2.00	1.25	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.85	97.5	6.00	1.25	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>208</b>	16.0	10/15/2022	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>14.4</b>	10.0	10/14/2022	ND	237	119	200	3.81		
<b>DRO &gt;C10-C28*</b>	<b>4600</b>	10.0	10/14/2022	ND	251	125	200	2.52		
<b>EXT DRO &gt;C28-C36</b>	<b>813</b>	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 63.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 184 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 1 1' (H224809-02)**

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	10/15/2022	ND	1.98	98.9	2.00	0.458		
Toluene*	<0.050	0.050	10/15/2022	ND	2.12	106	2.00	0.403		
Ethylbenzene*	<0.050	0.050	10/15/2022	ND	1.96	97.9	2.00	1.25		
Total Xylenes*	<0.150	0.150	10/15/2022	ND	5.85	97.5	6.00	1.25		
Total BTEX	<0.300	0.300	10/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>256</b>	16.0	10/15/2022	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
<b>DRO &gt;C10-C28*</b>	<b>33.6</b>	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 1 2' (H224809-03)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	10/15/2022	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
<b>DRO &gt;C10-C28*</b>	<b>33.7</b>	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 2 6" (H224809-04)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>8800</b>	16.0	10/15/2022	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
<b>DRO &gt;C10-C28*</b>	<b>73.9</b>	10.0	10/14/2022	ND	216	108	200	1.53		
<b>EXT DRO &gt;C28-C36</b>	<b>33.4</b>	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 2 1' (H224809-05)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11000	16.0	10/15/2022	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 2 2' (H224809-06)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1540	16.0	10/15/2022	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 93.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.4 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 2 3' (H224809-07)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	17400	16.0	10/15/2022	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 97.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.2 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 10/13/2022  
 Reported: 10/18/2022  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S 2 4' (H224809-08)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115	
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7860	16.0	10/15/2022	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 99.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 3 6" (H224809-09)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115	
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3800</b>	16.0	10/15/2022	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63	
<b>DRO &gt;C10-C28*</b>	<b>72.1</b>	10.0	10/14/2022	ND	216	108	200	1.53	
<b>EXT DRO &gt;C28-C36</b>	<b>40.6</b>	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 99.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 3 1' (H224809-10)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4840	16.0	10/15/2022	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 3 2' (H224809-11)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115	
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	10/15/2022	ND	432	108	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 88.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.1 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 4 6" (H224809-12)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>11200</b>	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.2 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 4 1' (H224809-13)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115	
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7920	16.0	10/15/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 85.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.0 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 4 2' (H224809-14)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9860	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 95.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.4 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 4 3' (H224809-15)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115	
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	10/15/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.3 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 4 4' (H224809-16)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13100	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 5 6" (H224809-17)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>6100</b>	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
<b>DRO &gt;C10-C28*</b>	<b>14.2</b>	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 5 1' (H224809-18)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11200	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 10/13/2022  
 Reported: 10/18/2022  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S 5 2' (H224809-19)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115	
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	10/15/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 5 3' (H224809-20)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 116 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 5 4' (H224809-21)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115		
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	214	107	200	1.63		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	216	108	200	1.53		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 6 6" (H224809-22)**

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	10/16/2022	ND	1.93	96.5	2.00	0.115	
Toluene*	<0.050	0.050	10/16/2022	ND	2.06	103	2.00	0.372	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.90	94.8	2.00	0.242	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.65	94.2	6.00	0.210	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/15/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 119 % 45.3-161

Surrogate: 1-Chlorooctadecane 132 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 6 1' (H224809-23)**

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	10/16/2022	ND	2.01	100	2.00	0.628	QM-07	
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6660	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 10/13/2022  
 Reported: 10/18/2022  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S 6 2' (H224809-24)**

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	10/16/2022	ND	2.01	100	2.00	0.628		
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13100	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 10/13/2022  
 Reported: 10/18/2022  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S 6 3' (H224809-25)**

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	10/16/2022	ND	2.01	100	2.00	0.628		
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12600	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 6 4' (H224809-26)**

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	10/16/2022	ND	2.01	100	2.00	0.628	
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12500	16.0	10/15/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 10/13/2022  
 Reported: 10/18/2022  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S 7 6" (H224809-27)**

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	10/16/2022	ND	2.01	100	2.00	0.628	
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>304</b>	16.0	10/15/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93	
<b>DRO &gt;C10-C28*</b>	<b>11.8</b>	10.0	10/14/2022	ND	194	97.2	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 7 1' (H224809-28)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/16/2022	ND	2.01	100	2.00	0.628		
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6600	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 7 2' (H224809-29)**

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	10/16/2022	ND	2.01	100	2.00	0.628		
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11600	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 7 3' (H224809-30)**

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	10/16/2022	ND	2.01	100	2.00	0.628		
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12800	16.0	10/15/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 8 6" (H224809-31)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/16/2022	ND	2.01	100	2.00	0.628		
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	10/15/2022	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 8 1' (H224809-32)**

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	10/16/2022	ND	2.01	100	2.00	0.628		
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6160	16.0	10/15/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 8 2' (H224809-33)**

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	10/16/2022	ND	2.01	100	2.00	0.628		
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>14600</b>	16.0	10/15/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 9 6" (H224809-34)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2022	ND	2.01	100	2.00	0.628	
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	10/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 10/13/2022  
 Reported: 10/18/2022  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S 9 1' (H224809-35)**

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	10/16/2022	ND	2.01	100	2.00	0.628	
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	10/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 10/13/2022  
 Reported: 10/18/2022  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S 9 2' (H224809-36)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2022	ND	2.01	100	2.00	0.628	
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	29000	16.0	10/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 125 % 45.3-161

Surrogate: 1-Chlorooctadecane 141 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 10/13/2022  
 Reported: 10/18/2022  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S 9 3' (H224809-37)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2022	ND	2.01	100	2.00	0.628	
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	10/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S 1 EAST SURFACE (H224809-38)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2022	ND	2.01	100	2.00	0.628	
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20400	16.0	10/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S NORTH WEST SURF (H224809-39)**

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	10/16/2022	ND	2.01	100	2.00	0.628		
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/15/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S SOUTH WEST SURF (H224809-40)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/16/2022	ND	2.01	100	2.00	0.628		
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648		
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17		
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07		
Total BTEX	<0.300	0.300	10/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>64.0</b>	16.0	10/15/2022	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93		
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13		
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND						

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received:	10/13/2022	Sampling Date:	10/12/2022
Reported:	10/18/2022	Sampling Type:	Soil
Project Name:	RISER 35	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

**Sample ID: S SOUTH EAST SURFACE (H224809-41)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/16/2022	ND	2.01	100	2.00	0.628	
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1860</b>	16.0	10/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	208	104	200	3.93	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	194	97.2	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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  
 CASON SPURLOCK  
 5002 CARRAIGE RD  
 HOBBS NM, 88242  
 Fax To:

Received: 10/13/2022  
 Reported: 10/18/2022  
 Project Name: RISER 35  
 Project Number: NOT GIVEN  
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/12/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: S NORTH EAST SURFACE (H224809-42)**

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	10/16/2022	ND	2.01	100	2.00	0.628	
Toluene*	<0.050	0.050	10/16/2022	ND	2.16	108	2.00	0.648	
Ethylbenzene*	<0.050	0.050	10/16/2022	ND	1.99	99.5	2.00	1.17	
Total Xylenes*	<0.150	0.150	10/16/2022	ND	5.99	99.9	6.00	1.07	
Total BTEX	<0.300	0.300	10/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/15/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/14/2022	ND	220	110	200	0.724	
DRO >C10-C28*	<10.0	10.0	10/14/2022	ND	227	113	200	2.75	
EXT DRO >C28-C36	<10.0	10.0	10/14/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*

Celey D. Keene, Lab Director/Quality Manager



1014

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental  
 Project Manager: Cason Spurlock

**BILL TO**

ANALYSIS REQUEST

Address: 5002 Carriage Rd  
 City: Hobbs State: NM Zip: 88242  
 Phone #: 575-631-6977 Fax #:

P.O. #: Company: SPUR  
 Attn: Baddy Marder  
 Address: City: State: Zip: Phone #: Fax #:

Project #: Project Owner: SPUR

Project Name: Riser 35  
 Project Location: ~~Riser 35~~ Baddy Cough

Sampler Name: Manual

Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
HT24809	1	6"	1							10-12-22		TPH Ext
	2	1'	1									BTEX
	3	2'	1									Chlorides
	4	6"	2									
	5	2'	2									
	6	2'	2									
	7	2'	2									
	8	3'	2									
	9	4'	2									
	10	6"	3									

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 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 interruption, 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]

Relinquished By: [Signature]

Received By: [Signature]

Delivered By: (Circle One) [Signature]

Sample Condition: Cool  Intact   
 Yes  No

Sampler - UPS - Bus - Other: -4.3°C / -4.9°C

CHECKED BY: [Signature] (Initials) #113

Phone Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No Add'l Fax #: \_\_\_\_\_  
 REMARKS: Email to Chris Jones

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



2096

2082

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental  
 Project Manager: Cason Spurlock

BILL TO

ANALYSIS REQUEST

Address: 5002 Carriage Rd  
 City: Hobbs State: NM Zip: 88242  
 Phone #: 575-631-6977 Fax #: 575-631-6977  
 Project #: Project Owner:  
 Project Name:  
 Project Location:

P.O. #: Company:  
 Attn: Address:  
 City: State: Zip:  
 Phone #: Fax #:

FOR LAB USE ONLY

Sampler Name: Matrix: PRESERV: SAMPLING:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
H224809	3						10-12-22		TPH <input checked="" type="checkbox"/> EXT BTEX Chlorides
	2'								
	4'								
	6'								
	1'								
	2'								
	3'								
	4'								
	5'								
	6'								
	12'								
	13'								
	14'								
	15'								
	16'								
	17'								
	18'								
	19'								
	20'								

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 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 interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of analytical services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *H.R. W. M. K.*

Received By: *Juanita Delgado*

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

Relinquished By: *H.R. W. M. K.*

Received By: *Juanita Delgado*

REMARKS:

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other: *4.3i/4.9e*

Sample Condition  
 Cool Intact  Yes  No  
 Checked By: (Initials) *40. #113*

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



**CARDINAL**  
Laboratories

4 of 6

~~4 of 4~~

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Paragon Environmental  
Project Manager: Cason Spurlock  
Address: 5002 Carriage Rd  
City: Hobbs State: NM zip: 88242  
Phone #: 575-631-6977 Fax #: Project Owner:  
Project Name: Project Location:  
Sampler Name: FOR LAB USE ONLY

P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #: PRESERV: SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
H224809	S5			GROUNDWATER			10-12-22		TPH Ext.
2 #1	S6			WASTEWATER					BTEX
2 #2	S6			SOIL					Chlorides
2 #3	S6			OIL					
2 #4	S6			SLUDGE					
2 #5	S6			OTHER :					
2 #6	S6			ACID/BASE:					
2 #7	S6			ICE / COOL					
2 #8	S6			OTHER :					
2 #9	S6								
2 #10	S6								

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 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 interruption, loss of data, 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] Date: 10-13-22  
Received By: [Signature] Date: 10-13-22  
Time: 0830

Delivered By: (Circle One) UPS - Bus - Other: -4.3°C / -4.9°C  
Sample Condition: Cool Intact Yes No  
Checked By: (Initials) #113

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



5 of 6

~~5 of 5~~

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental  
 Project Manager: Cason Spurlock  
 Address: 5002 Carriage Rd  
 City: Hobbs State: NM Zip: 88242  
 Phone #: 575-631-6977 Fax #:   
 Project #: Project Owner:  
 Project Name:  
 Project Location:  
 Sampler Name:  
 FOR LAB USE ONLY

**BILL TO**  
 P.O. #:   
 Company:   
 Attn:   
 Address:   
 City:   
 State: Zip:   
 Phone #:   
 Fax #:   
**ANALYSIS REQUEST**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H224809	8 6'								10-12-22		TPH Ext.	
341	8 1'										BTEX	
342	8 2'										Chlorides	
343	9 2'											
344	9 6"											
345	9 1'											
346	9 3'											
347	1 East Surface											
348	1 North West											
349	1 South West											
450	1 South West											

PLEASE NOTE: Laboratory and client's 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 interruption, 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]* Date: 10-13-22  
 Received By: *[Signature]* Date: 0830  
 Relinquished By: *[Signature]* Date:   
 Received By: *[Signature]* Date:   
 Time:   
 Time:   
 Sample Condition:  Intact  Cool  Yes  No  No  No  
 CHECKED BY: *[Signature]* (Initials) #113

Delivered By: (Circle One)  UPS  Bus  Other: -4.3c/-4.9c  
 Phone Result:  Yes  No  No  No Add'l Phone #:   
 Add'l Fax #:   
 REMARKS:   
 t 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

6 of 6

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental  
Project Manager: Cason Spurlock  
Address: 5002 Carriage Rd  
City: Hobbs State: NM Zip: 88242  
Phone #: 575-631-6977 Fax #: 575-393-2476

Project #: Project Name: Project Location:  
Project Owner: City: State: Zip: Phone #: Fax #:

Sample Name: FOR LAB USE ONLY  
Lab I.D. Sample I.D.

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
H224809	451 S South East Surface										10-12-22		
452	S North East Surface												

TPH Ext.  
BTEX  
Chlorides

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 analytical services provided by Cardinal, its subsidiaries, affiliates or successors.

Relinquished By: [Signature] Date: 10-13-22 Received By: [Signature] Date: 0830

Delivered By: [Signature] Date: 10-13-22

Sampler - UPS - Bus - Other: -4.3/-4.9

Sample Condition: Cool Intake Yes/No, Checked By: [Signature]

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

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 229954

**CONDITIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 229954
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	The Variance Request for a Bentonite Clay Liner at 4 ft below ground surface is approved. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please include this e-mail correspondence in the remediation and/or closure report.	6/20/2023