

<b>Spill Volume(Bbls) Calculator</b>		
<i>Inputs in blue, Outputs in red</i>		
Length(Ft)	Width(Ft)	Depth(In)
<u>100.000</u>	<u>72.000</u>	<u>1.000</u>
Cubic Feet Impacted		<u>600.000</u>
Barrels		<u>106.86</u>
Soil Type		Clay/Sand
Bbls Assuming 100% Saturation		<u>16.03</u>
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels Released		16.10000

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

<b>Measurements</b>	
Length (ft)	100
Width (ft)	72
Depth (in)	1.000









October 29<sup>th</sup>, 2025

NMOCD District 2  
 Mr. Mike Bratcher  
 Artesia, NM 88210

Bureau of Land Management  
 Ms. Crisha Morgan  
 620 East Green Street  
 Carlsbad, NM 88220

**Re: Site Assessment, Remediation, and Closure Request**  
**Merak 7 Fed 8 TB**  
**API No. N/A**  
**GPS: Latitude 32.84273 Longitude -104.00834**  
**U/L "O", Sec. 07, T17S, R30E**  
**Eddy County, NM**  
**NMOCD Ref. No. nAPP2512030793**

Paragon Environmental LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment and conduct remediation activities for the release site known as the Merak 7 Fed 8 TB (Merak). Details of the release are summarized below:

Release Details			
<b>Type of Release:</b>	Produced Water	<b>Volume of Release:</b>	16 bbls
		<b>Volume Recovered:</b>	11 bbls
<b>Source of Release:</b>	Pipeline	<b>Date of Release:</b>	04/27/2025
<b>Was Immediate Notice Given?</b>	No	<b>If, Yes, to Whom?</b>	N/A
<b>Was a Watercourse Reached?</b>	No	<b>If Yes, Volume Impacting Watercourse:</b>	N/A
<b>Surface Owner:</b>	Federal	<b>Mineral Owner:</b>	Federal
CHECK VALVE ON THE WATER TRANSFER LINE FAILED RELEASING PW ONTO THE PAD AND IN THE PASTURE.			

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

## REGULATORY FRAMEWORK & SITE CHARACTERIZATION

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

- Depth to Groundwater in the affected area 100-500'
- Method to determine DTW NM OSE
- Did the release impact groundwater or surface water No

Depth to groundwater information is provided in Appendix A.

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

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

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and piedmont deposits (Holocene to middle Pleistocene)— Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits (QEP). The soil in this area is made up of Reagan Loam, with 0 to 1 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainages courses in this area are well drained.

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

**INITIAL SITE ASSESSMENT**

On May 4<sup>th</sup>, 2025, Paragon went to the Merak, conducted a site assessment, and performed field titrations on the collected samples. During the initial site assessment, Sixteen (16) soil samples were collected in the spill zone, labeled S, and eleven (11) horizontal samples were collected outside the spill zone, labeled HZ. A table summarizing the titration results from the soil samples collected during the above- stated activities is provided below:

5-4-25 Soil Sample Results

Field Testing		
Sample Date 5-4-25		
Sample ID	Depth (BGS)	CHLORIDES
S-1	2'	425
S-2	2'	425
S-3	2'	425
S-4	2'	425
S-5	2'	284
S-6	2'	425
S-7	2'	142
S-8	2.5'	142
S-9	2.5'	425
S-10	2.5'	425
S-11	2.5'	284
S-12	5'	425
S-13	5'	284
S-14	5'	284
S-15	5'	284
S-16	5'	284
All Horizontals		ND

(ND) Analyte Not Detected

Laboratory data are attached in Appendix D

A Site Map is provided in Figure #1.

## REMEDIATION ACTIVITIES

Based on the analytical results, site characteristics, and field observations made during the site assessment, Paragon conducted the following remedial activities to advance the Release Site towards an NMOCD and BLM-approved closure:

- On June 23<sup>rd</sup>, 2025, utilizing mechanical equipment, we started excavating the impacted soils that were above the NMOCD Closure Criteria. See Confirmation Sample Map for the below areas of excavation, map is attached in Figure 5.
  - The areas of S-1 to S-7 were excavated to a depth of 2 feet BGS. They were approximately 4,000 s/f and 296 cubic yards.
  - The areas of S-8 to S-11 were excavated to a depth of 2.5 feet BGS. They were approximately 3,600 s/f and 333 cubic yards.
  - The areas of S-12 to S-16 were excavated to a depth of 5 feet BGS. They were approximately 3,750 s/f and 694 cubic yards.
  - The summed area and volume of excavated soil came to a total of 11,350 s/f and 1,323 cubic yards.

An email notification was sent to the NMOCD prior to obtaining confirmation samples. The bottom samples were representative of no more than 200 sq/ft, and the sidewall samples were obtained every 50 feet. The results of these sampling events are in the following data table:



## 7-3-25 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 7/3/25	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	EXT	Total TPH	CHLORIDES
S - 1 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	112
S - 2 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	112
S - 3 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	80.0
S - 4 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
S - 5 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	2600
S - 6 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	2320
S - 7 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	256
S - 8 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	336
S - 9 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	448
S - 10 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	32.0
S - 11 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	176
S - 12 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	480
S - 13 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	176
S - 14 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	384
S - 15 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	496
S - 16 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	304
S - 17 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	208
S - 18 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	192
S - 19 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	48.0
S - 20 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	112
S - 21 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
S - 22 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	16.0
S - 23 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	128
S - 24 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	32.0
S - 25 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	80.0
S - 26 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	48.0
S - 27 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	272
S - 28 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	32.0
S - 29 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	80.0
S - 30 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	144
S - 31 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	368
S - 32 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	128
S - 33 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
S - 34 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	32.0
S - 35 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	624
S - 36 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	64.0
S - 37 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	48.0
S - 38 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	80.0
S - 39 2 1/2	<0.300	<0.050	<10.0	<10.0	<10.0	ND	2060
S - 40 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	1470

S - 41 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	32.0
S - 42 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	<b>2160</b>
S - 43 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	32.0
S - 44 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	16.0
S - 45 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	<b>1920</b>
S - 46 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	48.0
S - 47 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	400
S - 48 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	320
S - 49 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	32.0
S - 50 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	64.0
S - 51 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	<b>1380</b>
S - 52 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	288
S - 53 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	272
S - 54 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	160
S - 55 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	80.0
S - 56 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	80.0
S - 57 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	128
S - 58 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	64.0
NSW - 1 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
NSW - 2 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
NSW - 3 2 1/2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
NSW - 4 2 1/2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
NSW - 5 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
NSW - 6 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
ESW - 1 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
ESW - 2 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
ESW - 3 2 1/2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
ESW - 4 2 1/2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
ESW - 5 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
ESW - 6 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
SSW - 1 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
SSW - 2 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
SSW - 3 2 1/2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	80.0
SSW - 4 2 1/2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
SSW - 5 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
SSW - 6 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
WSW - 1 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
WSW - 2 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	128
WSW - 3 2 1/2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	144
WSW - 4 2 1/2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
WSW - 5 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0
WSW - 6 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	96.0

(ND) Analyte Not Detected

These laboratory analytical results showed that certain areas still exceeded the NMOCD Closure Criteria. Therefore, on July 18<sup>th</sup>, 2025, we went back out and scraped the top off the areas of S-5, S-6, S-39, S-40, S-42, S-45, and S-51. We excavated an additional 18 C/Y. The final volume of material excavated was 1,341 C/Y. We conducted another confirmation soil sampling event in accordance with 19.15.19.12 NMAC, giving the OCD a 48-hour notification. The results of said soil sampling event are in the following data table:

7-18-25 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 7/18/25	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S - 5 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	32
S - 6 2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	48
S - 39 2 1/2'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	272
S - 40 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	288
S - 42 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	272
S - 45 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	240
S - 51 5'	<0.300	<0.050	<10.0	<10.0	<10.0	ND	320

(ND) Analyte Not Detected

These laboratory analytical results showed that the confirmation soil samples were below the NMOCD Closure Criteria. The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. We conducted another confirmation soil sampling event for the pasture backfill material in accordance with 19.15.19.12 NMAC, giving the OCD a 48-hour notification. The results of said soil sampling event are in the following data table:

8-11-25 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 8/11/25	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	EXT	Total TPH	CHLORIDES
BACK FILL- 1	<0.300	<0.050	<10.0	<10.0	<10.0	ND	48

(ND) Analyte Not Detected

On August 19<sup>th</sup>, 2025, after receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with “like” material from a local sand pit for the pasture area, and from Lea Land for the on-pad portion of excavation. The affected area was then contoured and machine-compacted to match the surrounding grade.

### CLOSURE REQUEST

After careful review, Paragon requests that the incident, nAPP2512030793, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

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

Respectfully,



Tristan Jones  
Project Manager  
Paragon Environmental, LLC



Chris Jones  
Environmental Professional  
Paragon Environmental, LLC



### Attachments

#### Figures:

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

#### Appendices:

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



Figures:

- 1-Site Map
- 2- TOPO Map
- 3- Karst Map
- 4- Wetlands Map
- 5- Confirmation Sample Map

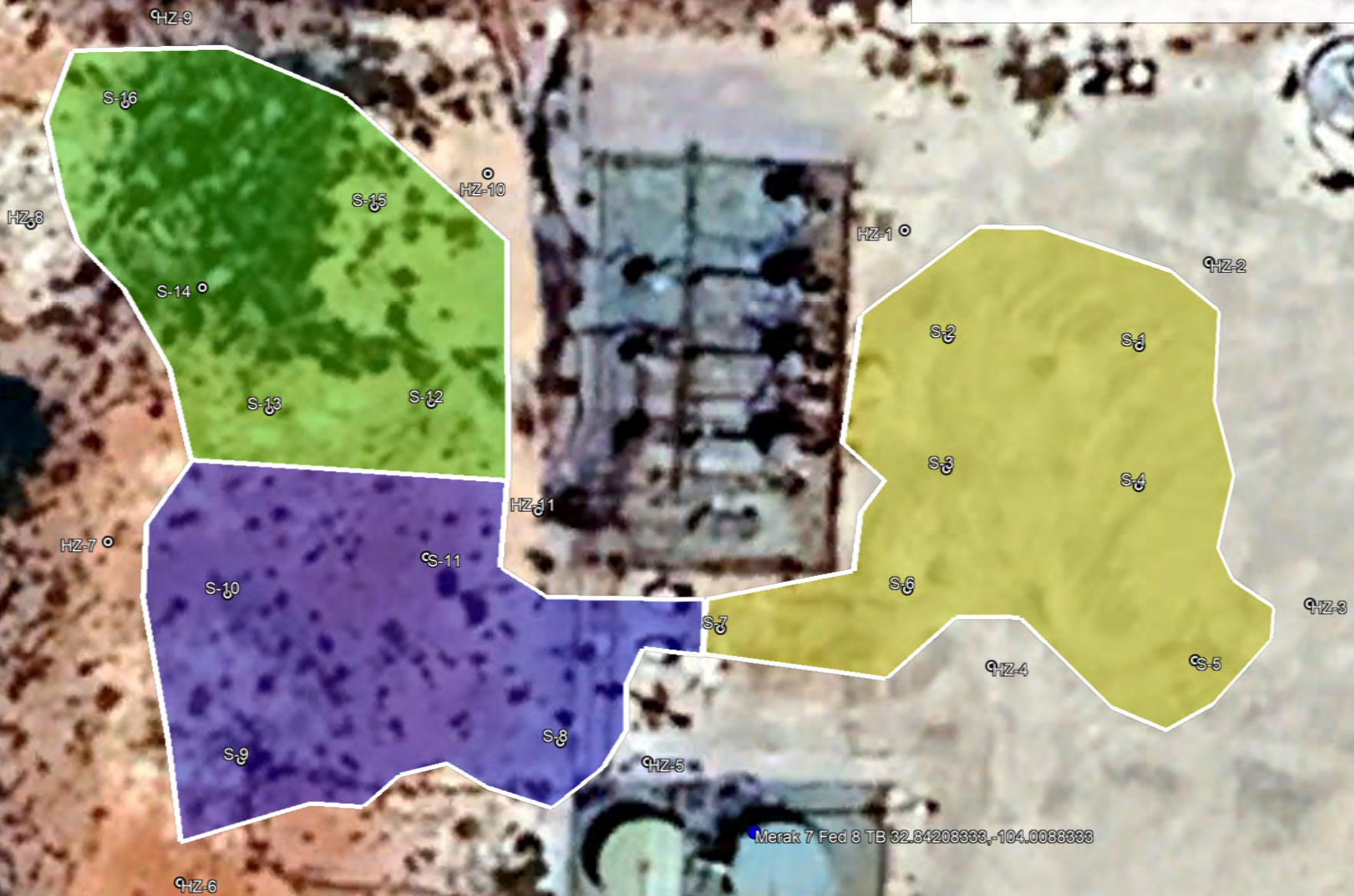


# Spur Energy Partners

Merak 7 Fed 8 TB  
Eddy County, NM  
Site Map

## Legend

- 2' Excavation 4000 S/F
- 2.5' Excavation 3600 S/F
- 5' Excavation 3750 S/F
- Sample Points
- Merak 7 Fed 8 TB 32.84208333,-104.0088333







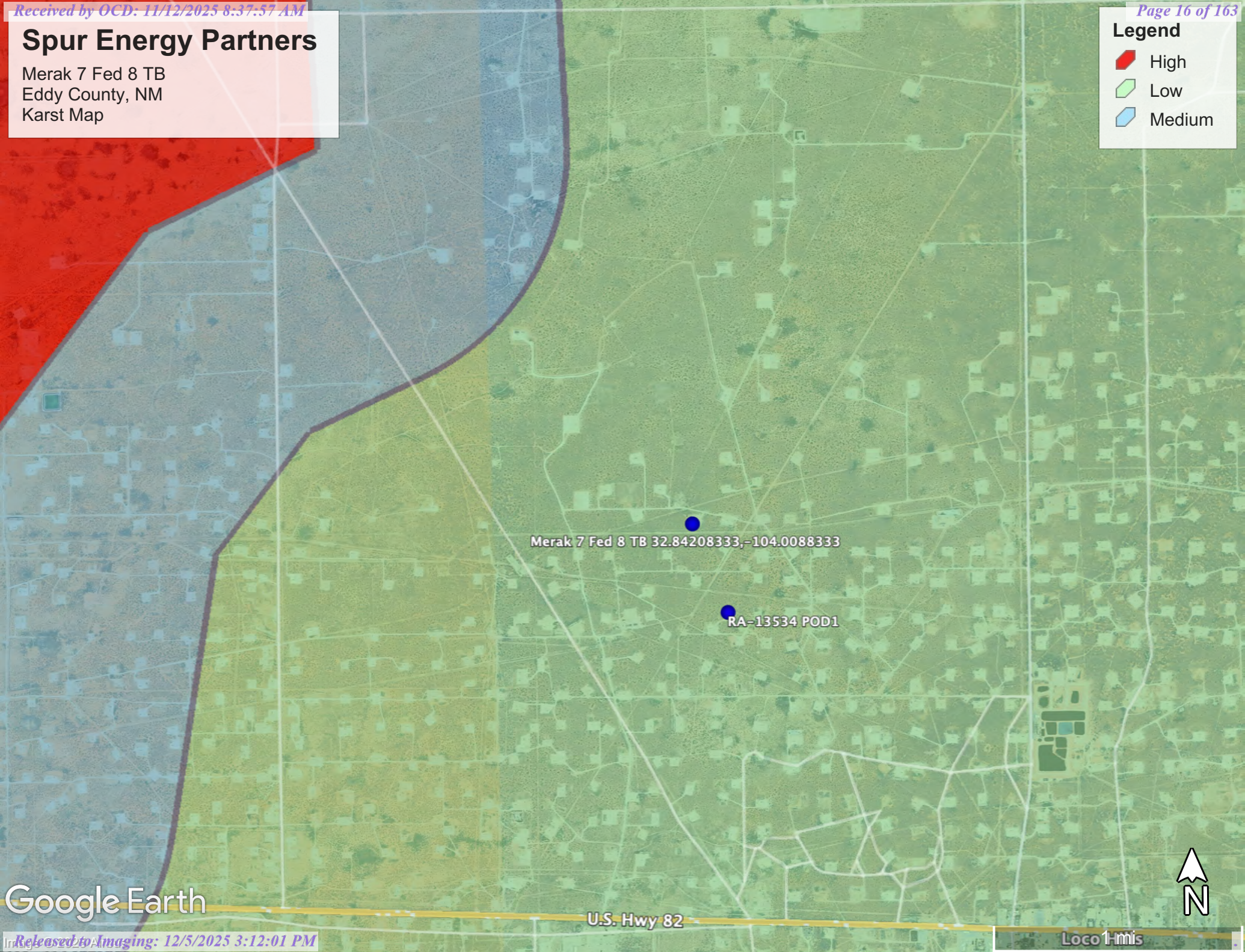


# Spur Energy Partners

Merak 7 Fed 8 TB  
Eddy County, NM  
Karst Map

## Legend

-  High
-  Low
-  Medium



Google Earth

U.S. Hwy 82





Loco 1 mi

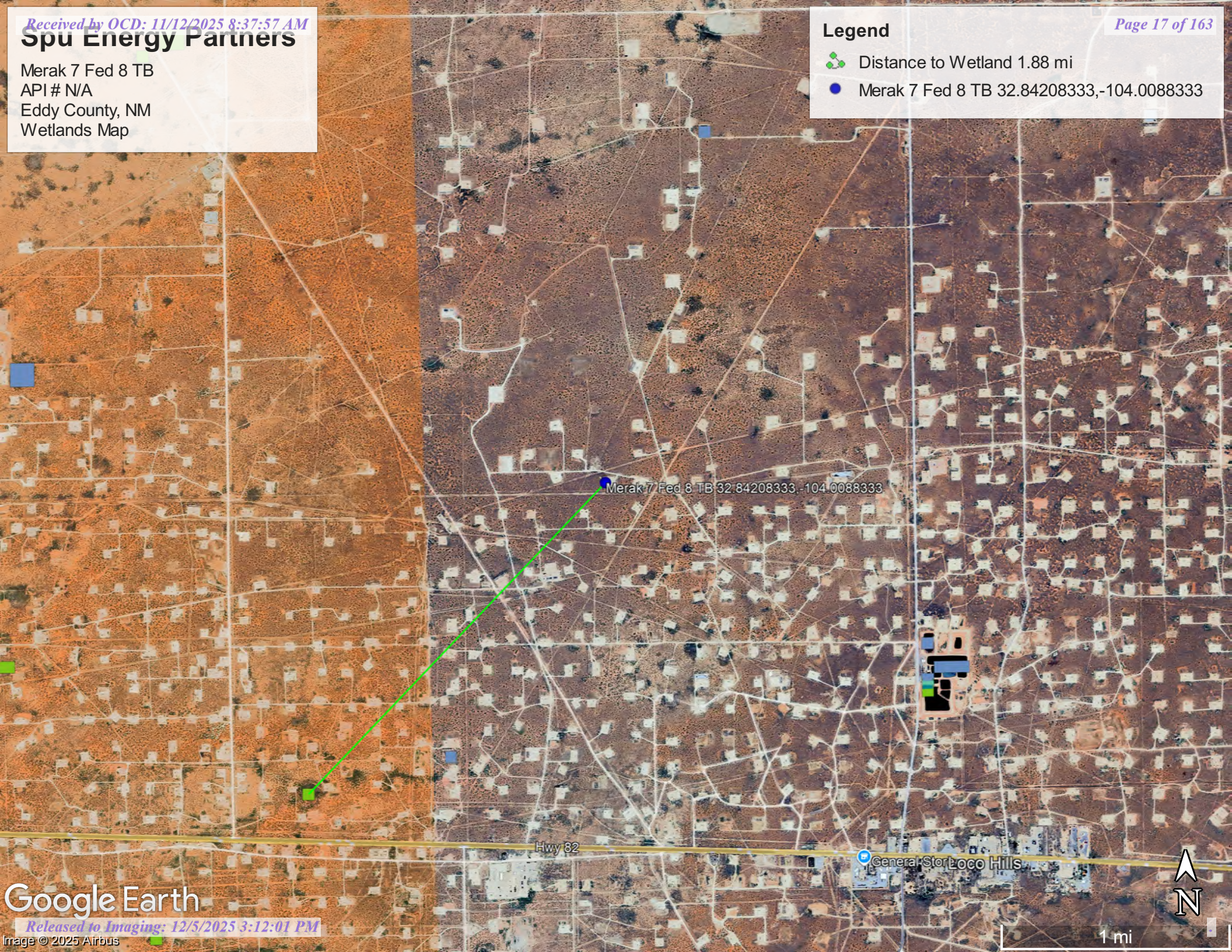


# Spu Energy Partners

Merak 7 Fed 8 TB  
API # N/A  
Eddy County, NM  
Wetlands Map

## Legend

-  Distance to Wetland 1.88 mi
-  Merak 7 Fed 8 TB 32.84208333, -104.0088333



Merak 7 Fed 8 TB 32.84208333, -104.0088333

Hwy 82

General Store Loco Hills



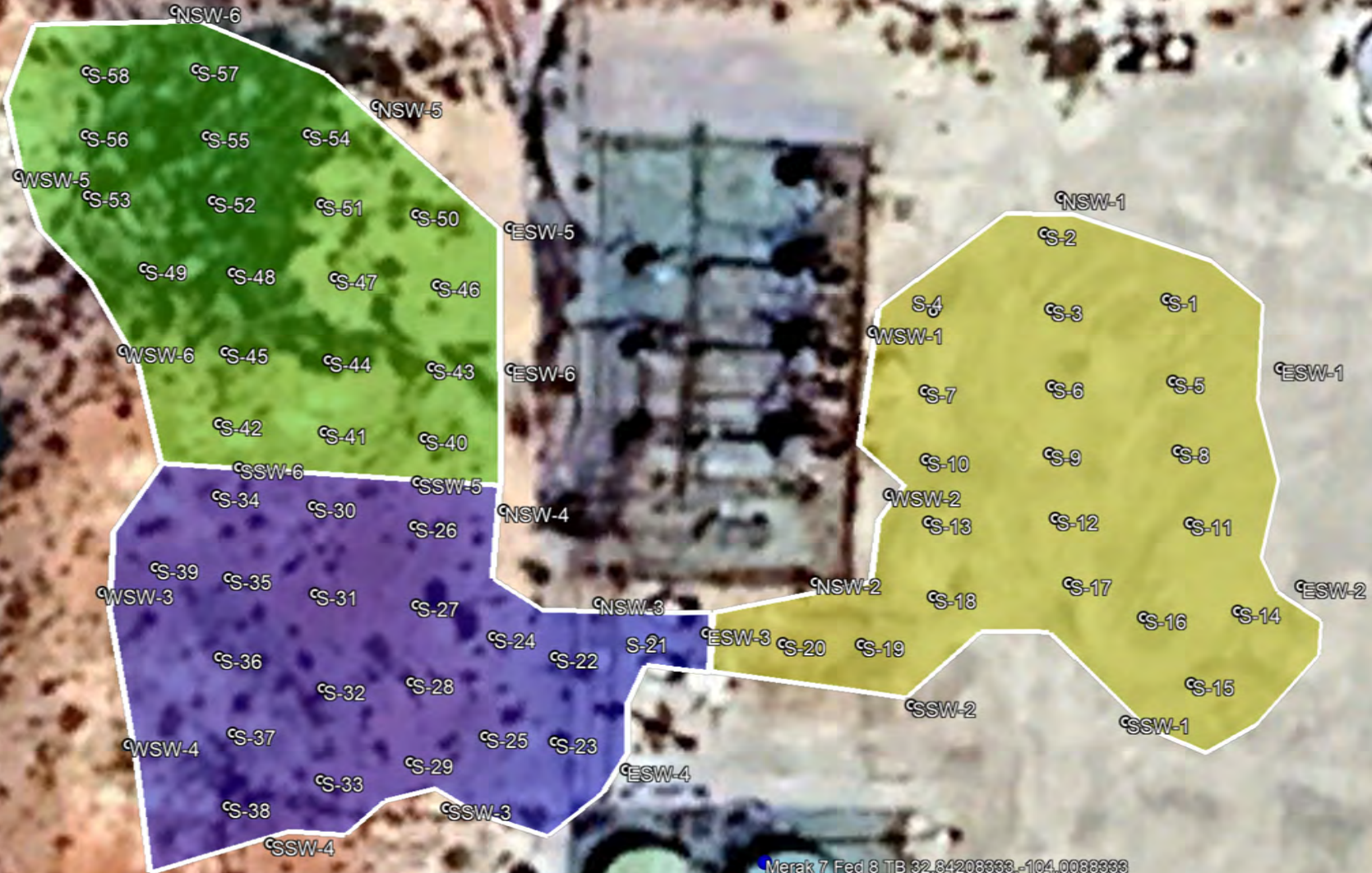


# Spur Energy Partners

Merak 7 Fed 8 TB  
Eddy County, NM  
Confirmation Sample Map

## Legend

- 2' Excavation 4000 S/F
- 2.5' Excavation 3600 S/F
- 5' Excavation 3750 S/F
- ⊙ Confirmation Sample Points
- Merak 7 Fed 8 TB 32.84208333,-104.0088333





Appendix A  
Referenced Water Data:

New Mexico State of Engineers Office



# Water Column/Average Depth to Water





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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth
<a href="#">RA 13284 POD1</a>		RA	ED	NE	NW	SE	08	17S	30E	594449.5	3634729.7		1704	
<a href="#">RA 13233 POD1</a>		RA	ED	SW	SW	NW	06	17S	30E	591790.0	3636711.4		2627	104
<a href="#">RA 13495 POD1</a>		RA	ED	SE	NE	SW	09	17S	30E	595669.1	3634745.4		2901	
<a href="#">RA 11914 POD1</a>		RA	ED	NE	SE	NE	20	17S	30E	594801.1	3632002.2		3035	85

Average

Minimum

Maximum

**Record Count:** 4

**Basin/County Search:**

**County:** ED

**UTM Filters (in meters):**

**Easting:** 592803.542

**Northing:** 3634287.180

**Radius:** 3200

\* UTM location was derived from PLSS - see Help

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

5/15/25 2:54 PM MST

Water Column/Average Depth to Water

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |

# Water Right Summary



[get image list](#)

<b>WR File Number:</b>	RA 13534	<b>Subbasin:</b>	RA	<b>Cross Reference:</b>	
<b>Primary Purpose:</b>	MON MONITORING WELL				
<b>Primary Status:</b>	PMT Permit				
<b>Total Acres:</b>		<b>Subfile:</b>		<b>Header:</b>	
<b>Total Diversion:</b>	0.000	<b>Cause/Case:</b>			
<b>Owner:</b>	SPUR ENERGY PARTNERS LLC	<b>Owner Class:</b>	User		
<b>Contact:</b>	KATHY PURVIS				

## Documents on File

(acre-feet per annum)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion	Consumptive
<a href="#">get images</a>	<a href="#">773858</a>	EXPL	2024-12-17	PMT	APR	RA 13534 POD1	T	0.000	0.000	

## Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
<a href="#">RA 13534 POD1</a>	NA		NW	SE	NE	18	17S	30E	593064.1	3633645.7		TW-1

\* UTM location was derived from PLSS - see Help

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



Appendix B  
Soil Survey:

U.S.D.A.  
FEMA Flood Map

Map Unit Description: Reagan loam, 0 to 1 percent slopes---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### Rc—Reagan loam, 0 to 1 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w5l

*Elevation:* 1,100 to 5,300 feet

*Mean annual precipitation:* 7 to 15 inches

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

*Frost-free period:* 200 to 240 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Reagan and similar soils:* 97 percent

*Minor components:* 3 percent

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

#### Description of Reagan

##### Setting

*Landform:* Alluvial fans, fan remnants

*Landform position (three-dimensional):* Rise

*Down-slope shape:* Linear, convex

*Across-slope shape:* Linear

*Parent material:* Alluvium and/or eolian deposits

##### Typical profile

*H1 - 0 to 8 inches:* loam

*H2 - 8 to 82 inches:* loam

##### Properties and qualities

*Slope:* 0 to 1 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*Capacity of the most limiting layer to transmit water*

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

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 40 percent

*Maximum salinity:* Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* Moderate (about 8.2 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 2e

*Land capability classification (nonirrigated):* 6c

*Hydrologic Soil Group:* B

Map Unit Description: Reagan loam, 0 to 1 percent slopes---Eddy Area, New Mexico

---

*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### **Minor Components**

##### **Reeves**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

##### **Upton**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC025NM - Shallow  
*Hydric soil rating:* No

##### **Reagan**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 21, Sep 9, 2025



# National Flood Hazard Layer FIRMMette



104°0'49"W 32°50'49"N



## Legend

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

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

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

1:6,000

104°0'11"W 32°50'19"N

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **10/28/2025 at 9:08 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Appendix C:

NMOCD Notification

Photographic Documentation

Searches

Operator Data

Hearing Fee Application

# OCD Permitting

Home Operator Data Action Status Action Search Results Action Status Item Details

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

### Submission Information

Submission ID:	480382	Districts:	Artesia
Operator:	<a href="#">[328947]</a> Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , MERAK 7 FED 8 TB , nAPP2512030793		
Status:	Approved		
Status Date:	06/30/2025		
References (0):			

### Foms

This application type does not have attachments.

### Questions

#### Prerequisites

Incident ID (n#)	nAPP2512030793
Incident Name	NAPP2512030793 MERAK 7 FED 8 TB @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

#### Location of Release Source

Site Name	MERAK 7 FED 8 TB
Date Release Discovered	04/27/2025
Surface Owner	Federal

#### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	11,760
What is the estimated number of samples that will be gathered	84
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/03/2025
Time sampling will commence	08:00 AM

**Warning: Notification can not be less than two business days prior to conducting final sampling.**

Please provide any information necessary for observers to contact samplers	tristan.jones 575-318-6841
Please provide any information necessary for navigation to sampling site	32.84208333,-104.0088333

[Searches](#)

[Operator Data](#)

[Hearing Fee Application](#)

### Comments

No comments found for this submission.

### Conditions

**Summary:** *tristanjones (6/30/2025)*, Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

*tristanjones (6/30/2025)*, If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

### Reasons

No reasons found for this submission.

[Go Back](#)



Angel Pena <angel@paragonenvironmental.net>

---

**The Oil Conservation Division (OCD) has accepted the application, Application ID: 485323**

---

<OCDOnline@state.nm.us>

Tue, Jul 15 at 5:13 PM

To: <angel@paragonenvironmental.net>

To whom it may concern (c/o Angel Pena for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2512030793.

The sampling event is expected to take place:

**When:** 07/18/2025 @ 08:00

**Where:** O-07-17S-30E 0 FNL 0 FEL (32.84273,-104.00834)

**Additional Information:** Angel Pena  
575--605-0773

**Additional Instructions:** 32.84273,-104.00834

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505



Angel Pena <angel@paragonenvironmental.net>

---

**The Oil Conservation Division (OCD) has accepted the application, Application ID: 492810**

---

<OCDOnline@state.nm.us>

Wed, Aug 6 at 2:44 PM

To: <angel@paragonenvironmental.net>

To whom it may concern (c/o Angel Pena for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2512030793.

The sampling event is expected to take place:

**When:** 08/11/2025 @ 08:00

**Where:** O-07-17S-30E 0 FNL 0 FEL (32.84273,-104.00834)

**Additional Information:** Angel Pena  
5756050773

**Additional Instructions:** 32.84273,-104.00834

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**  
1220 South St. Francis Drive  
Santa Fe, NM 87505





**Photographic Documentation  
Before**







**Photographic Documentation  
During**







**Photographic Documentation  
After**





Appendix D:  
Laboratory Results



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

July 17, 2025

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

RE: MERAK 7 FED 8 TB

Enclosed are the results of analyses for samples received by the laboratory on 07/03/25 13:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B      Total Coliform and E. coli (Colilert MMO-MUG)  
Method EPA 524.2      Regulated VOCs and Total Trihalomethanes (TTHM)  
Method EPA 552.2      Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 1 2'	H254022-01	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 2 2'	H254022-02	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 3 2'	H254022-03	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 4 2'	H254022-04	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 5 2'	H254022-05	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 6 2'	H254022-06	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 7 2'	H254022-07	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 8 2'	H254022-08	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 9 2'	H254022-09	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 10 2'	H254022-10	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 11 2'	H254022-11	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 12 2'	H254022-12	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 13 2'	H254022-13	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 14 2'	H254022-14	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 15 2'	H254022-15	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 16 2'	H254022-16	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 17 2'	H254022-17	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 18 2'	H254022-18	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 19 2'	H254022-19	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 20 2'	H254022-20	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 21 2 1/2	H254022-21	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 22 2 1/2	H254022-22	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 23 2 1/2	H254022-23	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 24 2 1/2	H254022-24	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 25 2 1/2	H254022-25	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 26 2 1/2	H254022-26	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 27 2 1/2	H254022-27	Soil	03-Jul-25 00:00	03-Jul-25 13:38

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

S - 28	2 1/2	H254022-28	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 29	2 1/2	H254022-29	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 30	2 1/2	H254022-30	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 31	2 1/2	H254022-31	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 32	2 1/2	H254022-32	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 33	2 1/2	H254022-33	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 34	2 1/2	H254022-34	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 35	2 1/2	H254022-35	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 36	2 1/2	H254022-36	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 37	2 1/2	H254022-37	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 38	2 1/2	H254022-38	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 39	2 1/2	H254022-39	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 40	5'	H254022-40	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 41	5'	H254022-41	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 42	5'	H254022-42	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 43	5'	H254022-43	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 44	5'	H254022-44	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 45	5'	H254022-45	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 46	5'	H254022-46	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 47	5'	H254022-47	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 48	5'	H254022-48	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 49	5'	H254022-49	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 50	5'	H254022-50	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 51	5'	H254022-51	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 52	5'	H254022-52	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 53	5'	H254022-53	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 54	5'	H254022-54	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 55	5'	H254022-55	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 56	5'	H254022-56	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 57	5'	H254022-57	Soil	03-Jul-25 00:00	03-Jul-25 13:38

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

S - 58 5'	H254022-58	Soil	03-Jul-25 00:00	03-Jul-25 13:38
NSW - 1 2'	H254022-59	Soil	03-Jul-25 00:00	03-Jul-25 13:38
NSW - 2 2'	H254022-60	Soil	03-Jul-25 00:00	03-Jul-25 13:38
NSW - 3 2 1/2	H254022-61	Soil	03-Jul-25 00:00	03-Jul-25 13:38
NSW - 4 2 1/2	H254022-62	Soil	03-Jul-25 00:00	03-Jul-25 13:38
NSW - 5 5'	H254022-63	Soil	03-Jul-25 00:00	03-Jul-25 13:38
NSW - 6 5'	H254022-64	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 1 2'	H254022-65	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 2 2'	H254022-66	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 3 2 1/2	H254022-67	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 4 2 1/2	H254022-68	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 5 5	H254022-69	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 6 5	H254022-70	Soil	03-Jul-25 00:00	03-Jul-25 13:38
SSW - 1 2'	H254022-71	Soil	03-Jul-25 00:00	03-Jul-25 13:38
SSW - 2 2'	H254022-72	Soil	03-Jul-25 00:00	03-Jul-25 13:38
SSW - 3 2 1/2	H254022-73	Soil	03-Jul-25 00:00	03-Jul-25 13:38
SSW - 4 2 1/2	H254022-74	Soil	03-Jul-25 00:00	03-Jul-25 13:38
SSW - 5 5'	H254022-75	Soil	03-Jul-25 00:00	03-Jul-25 13:38
SSW - 6 5'	H254022-76	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 1 2'	H254022-77	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 2 2'	H254022-78	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 3 2 1/2	H254022-79	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 4 2 1/2	H254022-80	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 5 5'	H254022-81	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 6 5'	H254022-82	Soil	03-Jul-25 00:00	03-Jul-25 13:38

07/17/25 - Client changed the project name (see COC). This is the revised report and will replace the one sent on 07/10/25.

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 1 2'**  
**H254022-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>112</b>		16.0	mg/kg	4	5070748	KH	07-Jul-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			115 %	71.5-134		5070329	JH	07-Jul-25	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			83.4 %	44.4-145		5070729	MS	08-Jul-25	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			79.2 %	40.6-153		5070729	MS	08-Jul-25	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

S - 2 2'

H254022-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5070748	KH	07-Jul-25	4500-CI-B	
----------	-----	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		5070329	JH	07-Jul-25	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			84.3 %	44.4-145		5070729	MS	08-Jul-25	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			80.7 %	40.6-153		5070729	MS	08-Jul-25	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 3 2'**  
**H254022-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>80.0</b>		16.0	mg/kg	4	5070748	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %	71.5-134		5070329	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.4 %	44.4-145		5070729	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			85.3 %	40.6-153		5070729	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

S - 4 2'

H254022-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %	71.5-134		5070329	JH	07-Jul-25	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			81.5 %	44.4-145		5070729	MS	08-Jul-25	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			76.1 %	40.6-153		5070729	MS	08-Jul-25	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

S - 5 2'

H254022-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	2600		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	5070329	JH	07-Jul-25	8021B	
---------------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			96.5 %		44.4-145	5070729	MS	08-Jul-25	8015B	
---------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			92.4 %		40.6-153	5070729	MS	08-Jul-25	8015B	
-------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 6 2'**

**H254022-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>2320</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			113 %		71.5-134	5070329	JH	07-Jul-25	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			102 %		44.4-145	5070729	MS	08-Jul-25	8015B	
----------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			97.8 %		40.6-153	5070729	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

S - 7 2'

H254022-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
----------	-----	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5070329	JH	07-Jul-25	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			99.6 %	44.4-145		5070729	MS	08-Jul-25	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			95.1 %	40.6-153		5070729	MS	08-Jul-25	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 8 2'**

**H254022-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>336</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %	71.5-134		5070329	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.2 %	44.4-145		5070729	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			88.6 %	40.6-153		5070729	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 9 2'**

**H254022-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>448</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %	71.5-134		5070329	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070729	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.6 %	44.4-145		5070729	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			86.1 %	40.6-153		5070729	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 10 2'**  
**H254022-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			113 %	71.5-134		5070329	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.8 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			94.8 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 11 2'**  
**H254022-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>176</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070329	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070329	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %	71.5-134		5070329	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.7 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			84.2 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 12 2'**  
**H254022-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>480</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.5 %	71.5-134		5070330	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.1 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			92.5 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 13 2'**  
**H254022-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>176</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.0 %		71.5-134	5070330	JH	07-Jul-25	8021B	
--	--	--	--------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			94.2 %		44.4-145	5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			89.4 %		40.6-153	5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 14 2'**  
**H254022-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>384</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %			71.5-134	5070330	JH	07-Jul-25	8021B
--	--	--	--------	--	--	----------	---------	----	-----------	-------

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			95.2 %			44.4-145	5070730	MS	08-Jul-25	8015B
----------------------------------	--	--	--------	--	--	----------	---------	----	-----------	-------

<i>Surrogate: 1-Chlorooctadecane</i>			90.7 %			40.6-153	5070730	MS	08-Jul-25	8015B
--------------------------------------	--	--	--------	--	--	----------	---------	----	-----------	-------

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 15 2'**  
**H254022-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>496</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %		71.5-134	5070330	JH	07-Jul-25	8021B	
--	--	--	--------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.3 %		44.4-145	5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			76.6 %		40.6-153	5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 16 2'**  
**H254022-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>304</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.4 %		71.5-134	5070330	JH	07-Jul-25	8021B	
--	--	--	--------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.9 %		44.4-145	5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			93.3 %		40.6-153	5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 17 2'**  
**H254022-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>208</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.5 %		71.5-134	5070330	JH	07-Jul-25	8021B	
--	--	--	--------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			95.3 %		44.4-145	5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			90.2 %		40.6-153	5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 18 2'**  
**H254022-18 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>192</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %		71.5-134	5070330	JH	07-Jul-25	8021B	
--	--	--	--------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.4 %		44.4-145	5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			81.9 %		40.6-153	5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 19 2'**  
**H254022-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>48.0</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.8 %	71.5-134		5070330	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.3 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			87.7 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 20 2'**  
**H254022-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>112</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.8 %		71.5-134	5070330	JH	07-Jul-25	8021B	
--	--	--	--------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.7 %		44.4-145	5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			78.4 %		40.6-153	5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 21 2 1/2**  
**H254022-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %	71.5-134		5070330	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.9 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			82.8 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 22 2 1/2**  
**H254022-22 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.0 %	71.5-134		5070330	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.7 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			78.8 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 23 2 1/2**  
**H254022-23 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>128</b>		16.0	mg/kg	4	5070742	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.3 %		71.5-134	5070330	JH	07-Jul-25	8021B	
--	--	--	--------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.8 %		44.4-145	5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			80.3 %		40.6-153	5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 24 2 1/2**  
**H254022-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %	71.5-134		5070330	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.6 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			83.8 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 25 2 1/2**  
**H254022-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>80.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.8 %	71.5-134		5070330	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.4 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			81.7 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 26 2 1/2**  
**H254022-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>48.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.3 %	71.5-134		5070330	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.2 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			82.1 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

S - 27 2 1/2  
 H254022-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
----------	-----	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.7 %	71.5-134		5070330	JH	07-Jul-25	8021B	
---------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			84.0 %	44.4-145		5070730	MS	08-Jul-25	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			77.3 %	40.6-153		5070730	MS	08-Jul-25	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 28 2 1/2**  
**H254022-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.1 %	71.5-134		5070330	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.6 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			81.3 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 29 2 1/2**  
**H254022-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>80.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %	71.5-134		5070330	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070730	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.9 %	44.4-145		5070730	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			83.0 %	40.6-153		5070730	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 30 2 1/2**  
**H254022-30 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>144</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.3 %			71.5-134	5070330	JH	07-Jul-25	8021B
--	--	--	--------	--	--	----------	---------	----	-----------	-------

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			62.4 %			44.4-145	5070731	MS	08-Jul-25	8015B
----------------------------------	--	--	--------	--	--	----------	---------	----	-----------	-------

<i>Surrogate: 1-Chlorooctadecane</i>			62.6 %			40.6-153	5070731	MS	08-Jul-25	8015B
--------------------------------------	--	--	--------	--	--	----------	---------	----	-----------	-------

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 31 2 1/2**  
**H254022-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>368</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070330	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070330	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.5 %	71.5-134		5070330	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			65.0 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			67.1 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 32 2 1/2**  
**H254022-32 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>128</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %		71.5-134	5070702	JH	07-Jul-25	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			62.6 %		44.4-145	5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			62.9 %		40.6-153	5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 33 2 1/2**  
**H254022-33 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			69.8 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			70.6 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 34 2 1/2**  
**H254022-34 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %		71.5-134	5070702	JH	07-Jul-25	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			66.6 %		44.4-145	5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			70.4 %		40.6-153	5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 35 2 1/2**  
**H254022-35 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>624</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			115 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			64.5 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			64.7 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 36 2 1/2  
H254022-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>64.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			116 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.5 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			72.5 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 37 2 1/2**  
**H254022-37 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>48.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.0 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			71.8 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 38 2 1/2**  
**H254022-38 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>80.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			115 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.8 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			71.9 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 39 2 1/2**  
**H254022-39 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>2060</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			118 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			67.1 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			68.1 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 40 5'**  
**H254022-40 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>1470</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			118 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.4 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			77.5 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 41 5'**  
**H254022-41 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.0 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			77.4 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 42 5'**  
**H254022-42 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>2160</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			118 %		71.5-134	5070702	JH	07-Jul-25	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.3 %		44.4-145	5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			79.0 %		40.6-153	5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 43 5'**  
**H254022-43 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	5070747	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			116 %		71.5-134	5070702	JH	07-Jul-25	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.1 %		44.4-145	5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			82.1 %		40.6-153	5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 44 5'**  
**H254022-44 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>16.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			116 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.1 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			83.2 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 45 5'**  
**H254022-45 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>1920</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			118 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.3 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			77.2 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 46 5'**  
**H254022-46 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>48.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			116 %	71.5-134		5070702	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.2 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			82.1 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 47 5'**  
**H254022-47 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>400</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070702	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070702	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %		71.5-134	5070702	JH	07-Jul-25	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.1 %		44.4-145	5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			79.8 %		40.6-153	5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 48 5'**  
**H254022-48 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>320</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.9 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			77.5 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 49 5'**  
**H254022-49 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070731	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.9 %	44.4-145		5070731	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			84.9 %	40.6-153		5070731	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 50 5'**  
**H254022-50 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>64.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.1 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			82.2 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 51 5'**  
**H254022-51 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>1380</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.0 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			81.3 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 52 5'**  
**H254022-52 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>288</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.1 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			84.2 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 53 5'**  
**H254022-53 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>272</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.2 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			82.6 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 54 5'**  
**H254022-54 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>160</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.3 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			75.2 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 55 5'**  
**H254022-55 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>80.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.4 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			68.8 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 56 5'**  
**H254022-56 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>80.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.3 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			71.8 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 57 5'**  
**H254022-57 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>128</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			111 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.4 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			75.9 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**S - 58 5'**  
**H254022-58 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>64.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.5 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			73.1 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**NSW - 1 2'**  
**H254022-59 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			109 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.3 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			72.7 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**NSW - 2 2'  
H254022-60 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.1 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			75.6 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**NSW - 3 2 1/2**  
**H254022-61 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			109 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			60.4 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			56.1 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**NSW - 4 2 1/2**  
**H254022-62 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			64.2 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			60.6 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**NSW - 5 5'**  
**H254022-63 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070744	AC	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			69.7 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			66.5 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**NSW - 6 5'**  
**H254022-64 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.2 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			71.0 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**ESW - 1 2'  
H254022-65 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.2 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			72.2 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**ESW - 2 2'**  
**H254022-66 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			66.1 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			63.9 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**ESW - 3 2 1/2  
H254022-67 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070704	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070704	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			109 %	71.5-134		5070704	JH	07-Jul-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			78.1 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			74.2 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**ESW - 4 2 1/2  
H254022-68 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.1 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.9 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			76.2 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**ESW - 5 5  
H254022-69 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.2 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070732	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.1 %	44.4-145		5070732	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			71.1 %	40.6-153		5070732	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**ESW - 6 5  
H254022-70 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.3 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.3 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			65.3 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**SSW - 1 2'  
H254022-71 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.1 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.1 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			69.6 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**SSW - 2 2'  
H254022-72 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-CI-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.8 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.3 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			70.6 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**SSW - 3 2 1/2  
H254022-73 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>80.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.6 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.3 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			64.6 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**SSW - 4 2 1/2**  
**H254022-74 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.5 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.3 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			70.2 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**SSW - 5 5'**  
**H254022-75 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.5 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			70.1 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			63.0 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**SSW - 6 5'**  
**H254022-76 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.7 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.8 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			70.4 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**WSW - 1 2'**  
**H254022-77 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			93.9 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.0 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			79.5 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**WSW - 2 2'**  
**H254022-78 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>128</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.9 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.1 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			72.0 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**WSW - 3 2 1/2  
H254022-79 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>144</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-CI-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.3 %		71.5-134	5070705	JH	07-Jul-25	8021B	
--	--	--	--------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			79.4 %		44.4-145	5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			73.5 %		40.6-153	5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**WSW - 4 2 1/2  
H254022-80 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.0 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			70.1 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			63.0 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**WSW - 5 5'**  
**H254022-81 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.0 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.4 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			66.7 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**WSW - 6 5'**  
**H254022-82 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.1 %	71.5-134		5070705	JH	07-Jul-25	8021B	
--	--	--	--------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			71.8 %	44.4-145		5070733	MS	08-Jul-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			65.5 %	40.6-153		5070733	MS	08-Jul-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Inorganic Compounds - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070742 - 1:4 DI Water**

<b>Blank (5070742-BLK1)</b>										
Prepared & Analyzed: 07-Jul-25										
Chloride	ND	16.0	mg/kg							
<b>LCS (5070742-BS1)</b>										
Prepared & Analyzed: 07-Jul-25										
Chloride	416	16.0	mg/kg	400		104	80-120			
<b>LCS Dup (5070742-BSD1)</b>										
Prepared & Analyzed: 07-Jul-25										
Chloride	400	16.0	mg/kg	400		100	80-120	3.92	20	

**Batch 5070744 - 1:4 DI Water**

<b>Blank (5070744-BLK1)</b>										
Prepared & Analyzed: 07-Jul-25										
Chloride	ND	16.0	mg/kg							
<b>LCS (5070744-BS1)</b>										
Prepared & Analyzed: 07-Jul-25										
Chloride	432	16.0	mg/kg	400		108	80-120			
<b>LCS Dup (5070744-BSD1)</b>										
Prepared & Analyzed: 07-Jul-25										
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	

**Batch 5070747 - 1:4 DI Water**

<b>Blank (5070747-BLK1)</b>										
Prepared & Analyzed: 07-Jul-25										
Chloride	ND	16.0	mg/kg							
<b>LCS (5070747-BS1)</b>										
Prepared & Analyzed: 07-Jul-25										
Chloride	400	16.0	mg/kg	400		100	80-120			

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Inorganic Compounds - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070747 - 1:4 DI Water**

<b>LCS Dup (5070747-BSD1)</b>				Prepared & Analyzed: 07-Jul-25						
Chloride	432	16.0	mg/kg	400		108	80-120	7.69	20	

**Batch 5070748 - 1:4 DI Water**

<b>Blank (5070748-BLK1)</b>				Prepared & Analyzed: 07-Jul-25						
Chloride	ND	16.0	mg/kg							

<b>LCS (5070748-BS1)</b>				Prepared & Analyzed: 07-Jul-25						
Chloride	416	16.0	mg/kg	400		104	80-120			

<b>LCS Dup (5070748-BSD1)</b>				Prepared & Analyzed: 07-Jul-25						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

**Batch 5070749 - 1:4 DI Water**

<b>Blank (5070749-BLK1)</b>				Prepared & Analyzed: 07-Jul-25						
Chloride	ND	16.0	mg/kg							

<b>LCS (5070749-BS1)</b>				Prepared & Analyzed: 07-Jul-25						
Chloride	432	16.0	mg/kg	400		108	80-120			

<b>LCS Dup (5070749-BSD1)</b>				Prepared & Analyzed: 07-Jul-25						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Volatile Organic Compounds by EPA Method 8021 - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070329 - Volatiles**

**Blank (5070329-BLK1)**

Prepared: 03-Jul-25 Analyzed: 07-Jul-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0572		mg/kg	0.0500		114	71.5-134			

**LCS (5070329-BS1)**

Prepared: 03-Jul-25 Analyzed: 07-Jul-25

Benzene	2.10	0.050	mg/kg	2.00		105	76.3-129			
Toluene	2.13	0.050	mg/kg	2.00		107	84.1-129			
Ethylbenzene	2.13	0.050	mg/kg	2.00		106	80.1-133			
m,p-Xylene	4.23	0.100	mg/kg	4.00		106	81.4-134			
o-Xylene	2.11	0.050	mg/kg	2.00		105	81.4-133			
Total Xylenes	6.34	0.150	mg/kg	6.00		106	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0499		mg/kg	0.0500		99.9	71.5-134			

**LCS Dup (5070329-BSD1)**

Prepared: 03-Jul-25 Analyzed: 07-Jul-25

Benzene	2.12	0.050	mg/kg	2.00		106	76.3-129	0.725	15.8	
Toluene	2.16	0.050	mg/kg	2.00		108	84.1-129	1.20	15.9	
Ethylbenzene	2.17	0.050	mg/kg	2.00		109	80.1-133	2.18	16	
m,p-Xylene	4.31	0.100	mg/kg	4.00		108	81.4-134	1.95	16.2	
o-Xylene	2.15	0.050	mg/kg	2.00		107	81.4-133	2.02	16.7	
Total Xylenes	6.46	0.150	mg/kg	6.00		108	81.5-134	1.97	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	71.5-134			

**Batch 5070330 - Volatiles**

**Blank (5070330-BLK1)**

Prepared: 03-Jul-25 Analyzed: 07-Jul-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Volatile Organic Compounds by EPA Method 8021 - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070330 - Volatiles**

**Blank (5070330-BLK1)**

Prepared: 03-Jul-25 Analyzed: 07-Jul-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		95.0	71.5-134			

**LCS (5070330-BS1)**

Prepared: 03-Jul-25 Analyzed: 07-Jul-25

Benzene	2.01	0.050	mg/kg	2.00		100	76.3-129			
Toluene	2.08	0.050	mg/kg	2.00		104	84.1-129			
Ethylbenzene	2.05	0.050	mg/kg	2.00		103	80.1-133			
m,p-Xylene	4.03	0.100	mg/kg	4.00		101	81.4-134			
o-Xylene	2.00	0.050	mg/kg	2.00		100	81.4-133			
Total Xylenes	6.03	0.150	mg/kg	6.00		101	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0457		mg/kg	0.0500		91.3	71.5-134			

**LCS Dup (5070330-BSD1)**

Prepared: 03-Jul-25 Analyzed: 07-Jul-25

Benzene	1.98	0.050	mg/kg	2.00		98.9	76.3-129	1.56	15.8	
Toluene	2.05	0.050	mg/kg	2.00		102	84.1-129	1.73	15.9	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	80.1-133	1.69	16	
m,p-Xylene	3.96	0.100	mg/kg	4.00		98.9	81.4-134	1.90	16.2	
o-Xylene	1.97	0.050	mg/kg	2.00		98.4	81.4-133	1.65	16.7	
Total Xylenes	5.92	0.150	mg/kg	6.00		98.7	81.5-134	1.82	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0461		mg/kg	0.0500		92.2	71.5-134			

**Batch 5070702 - Volatiles**

**Blank (5070702-BLK1)**

Prepared & Analyzed: 07-Jul-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0555		mg/kg	0.0500		111	71.5-134			

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Volatile Organic Compounds by EPA Method 8021 - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070702 - Volatiles**

**LCS (5070702-BS1)**

Prepared & Analyzed: 07-Jul-25

Benzene	1.99	0.050	mg/kg	2.00		99.6	76.3-129			
Toluene	2.02	0.050	mg/kg	2.00		101	84.1-129			
Ethylbenzene	2.03	0.050	mg/kg	2.00		102	80.1-133			
m,p-Xylene	4.18	0.100	mg/kg	4.00		104	81.4-134			
o-Xylene	2.09	0.050	mg/kg	2.00		104	81.4-133			
Total Xylenes	6.26	0.150	mg/kg	6.00		104	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	71.5-134			
---------------------------------------	--------	--	-------	--------	--	-----	----------	--	--	--

**LCS Dup (5070702-BSD1)**

Prepared & Analyzed: 07-Jul-25

Benzene	2.00	0.050	mg/kg	2.00		100	76.3-129	0.653	15.8	
Toluene	2.06	0.050	mg/kg	2.00		103	84.1-129	1.78	15.9	
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	80.1-133	0.351	16	
m,p-Xylene	4.23	0.100	mg/kg	4.00		106	81.4-134	1.19	16.2	
o-Xylene	2.09	0.050	mg/kg	2.00		104	81.4-133	0.0109	16.7	
Total Xylenes	6.31	0.150	mg/kg	6.00		105	81.5-134	0.794	16.3	

Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/kg	0.0500		103	71.5-134			
---------------------------------------	--------	--	-------	--------	--	-----	----------	--	--	--

**Batch 5070704 - Volatiles**

**Blank (5070704-BLK1)**

Prepared & Analyzed: 07-Jul-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID)	0.0525		mg/kg	0.0500		105	71.5-134			
---------------------------------------	--------	--	-------	--------	--	-----	----------	--	--	--

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 or 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 damage 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



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

**Analytical Results For:**

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Volatile Organic Compounds by EPA Method 8021 - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070704 - Volatiles**

<b>LCS (5070704-BS1)</b>		Prepared & Analyzed: 07-Jul-25								
Benzene	2.19	0.050	mg/kg	2.00		110	76.3-129			
Toluene	2.21	0.050	mg/kg	2.00		111	84.1-129			
Ethylbenzene	2.21	0.050	mg/kg	2.00		110	80.1-133			
m,p-Xylene	4.59	0.100	mg/kg	4.00		115	81.4-134			
o-Xylene	2.29	0.050	mg/kg	2.00		115	81.4-133			
Total Xylenes	6.88	0.150	mg/kg	6.00		115	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	71.5-134			

<b>LCS Dup (5070704-BSD1)</b>		Prepared & Analyzed: 07-Jul-25								
Benzene	2.24	0.050	mg/kg	2.00		112	76.3-129	2.25	15.8	
Toluene	2.26	0.050	mg/kg	2.00		113	84.1-129	1.98	15.9	
Ethylbenzene	2.26	0.050	mg/kg	2.00		113	80.1-133	2.25	16	
m,p-Xylene	4.69	0.100	mg/kg	4.00		117	81.4-134	2.06	16.2	
o-Xylene	2.37	0.050	mg/kg	2.00		119	81.4-133	3.46	16.7	
Total Xylenes	7.06	0.150	mg/kg	6.00		118	81.5-134	2.53	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0493		mg/kg	0.0500		98.5	71.5-134			

**Batch 5070705 - Volatiles**

<b>Blank (5070705-BLK1)</b>		Prepared & Analyzed: 07-Jul-25								
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		94.9	71.5-134			

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Volatile Organic Compounds by EPA Method 8021 - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070705 - Volatiles**

**LCS (5070705-BS1)**

Prepared & Analyzed: 07-Jul-25

Benzene	1.98	0.050	mg/kg	2.00		99.0	76.3-129			
Toluene	2.03	0.050	mg/kg	2.00		101	84.1-129			
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	80.1-133			
m,p-Xylene	3.93	0.100	mg/kg	4.00		98.2	81.4-134			
o-Xylene	1.96	0.050	mg/kg	2.00		97.9	81.4-133			
Total Xylenes	5.89	0.150	mg/kg	6.00		98.1	81.5-134			

Surrogate: 4-Bromofluorobenzene (PID)	0.0461		mg/kg	0.0500		92.3	71.5-134			
---------------------------------------	--------	--	-------	--------	--	------	----------	--	--	--

**LCS Dup (5070705-BS1)**

Prepared & Analyzed: 07-Jul-25

Benzene	2.05	0.050	mg/kg	2.00		102	76.3-129	3.28	15.8	
Toluene	2.10	0.050	mg/kg	2.00		105	84.1-129	3.57	15.9	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	80.1-133	3.66	16	
m,p-Xylene	4.08	0.100	mg/kg	4.00		102	81.4-134	3.81	16.2	
o-Xylene	2.03	0.050	mg/kg	2.00		102	81.4-133	3.60	16.7	
Total Xylenes	6.11	0.150	mg/kg	6.00		102	81.5-134	3.74	16.3	

Surrogate: 4-Bromofluorobenzene (PID)	0.0463		mg/kg	0.0500		92.6	71.5-134			
---------------------------------------	--------	--	-------	--------	--	------	----------	--	--	--

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 or 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 damage 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





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

**Analytical Results For:**

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Petroleum Hydrocarbons by GC FID - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070729 - General Prep - Organics**

<b>Blank (5070729-BLK1)</b>		Prepared & Analyzed: 07-Jul-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.2		mg/kg	50.0		88.4	44.4-145			
Surrogate: 1-Chlorooctadecane	42.3		mg/kg	50.0		84.7	40.6-153			

<b>LCS (5070729-BS1)</b>		Prepared & Analyzed: 07-Jul-25								
GRO C6-C10	217	10.0	mg/kg	200		108	81.5-123			
DRO >C10-C28	204	10.0	mg/kg	200		102	77.7-122			
Total TPH C6-C28	421	10.0	mg/kg	400		105	80.9-121			
Surrogate: 1-Chlorooctane	50.2		mg/kg	50.0		100	44.4-145			
Surrogate: 1-Chlorooctadecane	49.9		mg/kg	50.0		99.7	40.6-153			

<b>LCS Dup (5070729-BSD1)</b>		Prepared & Analyzed: 07-Jul-25								
GRO C6-C10	220	10.0	mg/kg	200		110	81.5-123	1.32	13	
DRO >C10-C28	200	10.0	mg/kg	200		100	77.7-122	1.89	15.6	
Total TPH C6-C28	420	10.0	mg/kg	400		105	80.9-121	0.220	18.5	
Surrogate: 1-Chlorooctane	50.8		mg/kg	50.0		102	44.4-145			
Surrogate: 1-Chlorooctadecane	50.2		mg/kg	50.0		100	40.6-153			

**Batch 5070730 - General Prep - Organics**

<b>Blank (5070730-BLK1)</b>		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	43.3		mg/kg	50.0		86.7	44.4-145			
Surrogate: 1-Chlorooctadecane	41.3		mg/kg	50.0		82.6	40.6-153			

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Petroleum Hydrocarbons by GC FID - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070730 - General Prep - Organics**

LCS (5070730-BS1)		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	211	10.0	mg/kg	200	106	81.5-123				
DRO >C10-C28	197	10.0	mg/kg	200	98.4	77.7-122				
Total TPH C6-C28	408	10.0	mg/kg	400	102	80.9-121				
Surrogate: 1-Chlorooctane	49.0		mg/kg	50.0	97.9	44.4-145				
Surrogate: 1-Chlorooctadecane	49.8		mg/kg	50.0	99.6	40.6-153				

LCS Dup (5070730-BSD1)		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	207	10.0	mg/kg	200	104	81.5-123	1.95	13		
DRO >C10-C28	191	10.0	mg/kg	200	95.3	77.7-122	3.26	15.6		
Total TPH C6-C28	398	10.0	mg/kg	400	99.5	80.9-121	2.58	18.5		
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0	98.8	44.4-145				
Surrogate: 1-Chlorooctadecane	48.6		mg/kg	50.0	97.2	40.6-153				

**Batch 5070731 - General Prep - Organics**

Blank (5070731-BLK1)		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	37.3		mg/kg	50.0	74.6	44.4-145				
Surrogate: 1-Chlorooctadecane	37.7		mg/kg	50.0	75.3	40.6-153				

LCS (5070731-BS1)		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	189	10.0	mg/kg	200	94.4	81.5-123				
DRO >C10-C28	205	10.0	mg/kg	200	102	77.7-122				
Total TPH C6-C28	394	10.0	mg/kg	400	98.4	80.9-121				
Surrogate: 1-Chlorooctane	42.8		mg/kg	50.0	85.6	44.4-145				
Surrogate: 1-Chlorooctadecane	45.1		mg/kg	50.0	90.1	40.6-153				

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Petroleum Hydrocarbons by GC FID - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070731 - General Prep - Organics**

LCS Dup (5070731-BSD1)		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	185	10.0	mg/kg	200		92.5	81.5-123	2.01	13	
DRO >C10-C28	198	10.0	mg/kg	200		99.0	77.7-122	3.36	15.6	
Total TPH C6-C28	383	10.0	mg/kg	400		95.7	80.9-121	2.71	18.5	
Surrogate: 1-Chlorooctane	42.5		mg/kg	50.0		85.1	44.4-145			
Surrogate: 1-Chlorooctadecane	44.6		mg/kg	50.0		89.1	40.6-153			

**Batch 5070732 - General Prep - Organics**

Blank (5070732-BLK1)		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.5		mg/kg	50.0		81.0	44.4-145			
Surrogate: 1-Chlorooctadecane	38.7		mg/kg	50.0		77.4	40.6-153			

LCS (5070732-BS1)		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	204	10.0	mg/kg	200		102	81.5-123			
DRO >C10-C28	200	10.0	mg/kg	200		99.9	77.7-122			
Total TPH C6-C28	404	10.0	mg/kg	400		101	80.9-121			
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.7	44.4-145			
Surrogate: 1-Chlorooctadecane	47.1		mg/kg	50.0		94.2	40.6-153			

LCS Dup (5070732-BSD1)		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	197	10.0	mg/kg	200		98.7	81.5-123	3.50	13	
DRO >C10-C28	189	10.0	mg/kg	200		94.6	77.7-122	5.40	15.6	
Total TPH C6-C28	387	10.0	mg/kg	400		96.6	80.9-121	4.44	18.5	
Surrogate: 1-Chlorooctane	46.2		mg/kg	50.0		92.5	44.4-145			
Surrogate: 1-Chlorooctadecane	45.4		mg/kg	50.0		90.7	40.6-153			

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 or 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 damage 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 1601 N TURNER ST., STE 500 HOBBS NM, 88240	Project: MERAK 7 FED 8 TB Project Number: NONE GIVEN Project Manager: CHRIS JONES Fax To:	Reported: 17-Jul-25 09:39
---	--	------------------------------

**Petroleum Hydrocarbons by GC FID - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 5070733 - General Prep - Organics**

<b>Blank (5070733-BLK1)</b>		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
<i>Surrogate: 1-Chlorooctane</i>	38.9		mg/kg	50.0		77.8	44.4-145			
<i>Surrogate: 1-Chlorooctadecane</i>	35.2		mg/kg	50.0		70.5	40.6-153			

<b>LCS (5070733-BS1)</b>		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	197	10.0	mg/kg	200		98.3	81.5-123			
DRO >C10-C28	200	10.0	mg/kg	200		99.9	77.7-122			
Total TPH C6-C28	396	10.0	mg/kg	400		99.1	80.9-121			
<i>Surrogate: 1-Chlorooctane</i>	43.6		mg/kg	50.0		87.1	44.4-145			
<i>Surrogate: 1-Chlorooctadecane</i>	41.3		mg/kg	50.0		82.7	40.6-153			

<b>LCS Dup (5070733-BSD1)</b>		Prepared: 07-Jul-25 Analyzed: 08-Jul-25								
GRO C6-C10	189	10.0	mg/kg	200		94.4	81.5-123	4.09	13	
DRO >C10-C28	190	10.0	mg/kg	200		95.1	77.7-122	4.89	15.6	
Total TPH C6-C28	379	10.0	mg/kg	400		94.8	80.9-121	4.49	18.5	
<i>Surrogate: 1-Chlorooctane</i>	43.0		mg/kg	50.0		85.9	44.4-145			
<i>Surrogate: 1-Chlorooctadecane</i>	40.2		mg/kg	50.0		80.5	40.6-153			

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 or 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 damage 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 or 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 damage 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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Paragon Environmental  
 Project Manager: Chris Jones  
 Address: 1601 N. Turner St., Ste 500  
 City: Hobbs State: NM zip: 88240  
 Phone #: 575-964-7814 Fax #: 575-714-25  
 Project #: ~~714-25~~ Project Owner: ~~SPUT Energy~~  
 Project Name: ~~Merak 7 Fed~~ Merak 7 Fed  
 Project Location: Eddy County  
 Sampler Name: Françoise Rebled  
 P.O. #: Company: SPUT Energy  
 Attn: Kathy Purvis  
 Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
HASH1032	S-1	Z	1							7/3		TPH
	S-2	Z	1									BTEX
	S-3	Z	1									CHLORIDES
	S-4	Z	1									
	S-5	Z	1									
	S-6	Z	1									
	S-7	Z	1									
	S-8	Z	1									
	S-9	Z	1									
	S-10	Z	1									

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: 7:33:25 Received By: *[Signature]* Date: 7:33:25  
 Time: 1:33g  
 Relinquished By: *[Signature]* Received By: *[Signature]*

Delivered By: (Circle One) - 9-103 2610-3 Sample Condition:  Intact  Cool  Yes  No  
 Sampler - UPS - Bus - Other: 9-3 #1140  No  No

CHECKED BY: *[Signature]* (Initials)  
 REMARKS: *UAPP2512030793 project name corrected per client - Speedriqney*

Phone Result:  Yes  No Add'l Phone #: 7-14-25  
 Fax Result:  Yes  No Add'l Fax #:

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





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Paragon Environmental  
 Project Manager: Chris Jones  
 Address: 1601 N. Turner St., Ste 500  
 City: Hobbs State: NM zip: 88240  
 Phone #: 575-964-7814 Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_  
 Project Name: 11  
 Project Location: 11  
 Project Name: 11  
 Project Location: 11  
 Sampler Name: 11  
 P.O. #: \_\_\_\_\_ Company: 11  
 Attn: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
11	5-11 21	✓								7/3		TPH BTEX CHLORIDES
12	5-12 21											
13	5-13 21											
14	5-14 21											
15	5-15 21											
16	5-16 21											
17	5-17 21											
18	5-18 21											
19	5-19 21											
20	5-20 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 residential 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: *For LCN*  
 Date: 7-3-25  
 Time: 1338  
 Received By: *Spedriqney*  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One) 9-10-24 3.  
 Sampler - UPS - Bus - Other: 9-3-24 #140  
 Sample Condition:  Yes  No  
 Cool Intact:  Yes  No  
 CHECKED BY: *SRK* (Initials)

† 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: _____ Project Name: '1' Project Location: '1' Sampler Name: '1'		<b>BILL TO</b> P.O. #: _____ Company: '1' Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
FOR LAB USE ONLY Lab I.D. Sample I.D.		MATRIX <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER : _____	
(G)RAB OR (C)OMP. # CONTAINERS		PRESERV <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER : _____	
DATE TIME		SAMPLING	
21 22 23 24 25 26 27 28 29 30	2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2 2 1/2	7/3	TRH BTEX 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: 7/3/25 Time: 1:38 PM Received By: *[Signature]*

Delivered By: (Circle One) *Q.V. JCTD-3* Sample Condition:  Cool  Intact  
 Sampler - UPS - Bus - Other: *Q.S. #440*  Yes  No

Checked By: *[Signature]*

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





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Paragon Environmental  
 Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM Zip: 88240

Phone #: 575-964-7814 Fax #:

Project #: Project Owner:

Project Name: ''

Project Location: ''

Sampler 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	ANALYSIS REQUEST												
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :															
HS-1032	S-31	2 1/2	C							7/3		TPH												
	S-32	2 1/2											BTEX											
	S-33	2 1/2											CHLORIDES											
	S-34	2 1/2																						
	S-35	2 1/2																						
	S-36	2 1/2																						
	S-37	2 1/2																						
	S-38	2 1/2																						
	S-39	2 1/2																						
	S-40	51																						

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: 1-3-25 Received By: \_\_\_\_\_  
 Time: 1:38

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_  
 Time: \_\_\_\_\_

Delivered By: (Circle One) 9:10:30 CTO:3: Sample Condition Cool Intact  Yes  No  
 Sampler - UPS - Bus - Other: 9:3: #140  Yes  No

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



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs State: NM zip: 88240 Phone #: 575-964-7814 Fax #: _____ Project #: _____ Project Owner: _____ Project Name: _____ State: _____ Zip: _____ Project Location: _____ Phone #: _____ Fax #: _____ Sampler Name: _____		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
P.O. #: _____ Company: 11 Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____					
FOR LAB USE ONLY Lab I.D. Sample I.D. HCS4022A 41 5-41 S1 42 3-42 S1 43 5-43 S1 44 5-44 S1 45 5-45 S1 46 5-46 S1 47 5-47 S1 48 5-48 S1 49 5-49 S1 50 5-50 S1		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING DATE TIME	
Relinquished By: _____ Date: 7/3/25 Time: 1338 Relinquished By: _____ Date: _____ Time: _____		Received By: <i>Stockrigney</i> Date: _____ Time: _____		REMARKS: _____ 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 #: _____	
Delivered By: (Circle One) <u>9.0.1</u> / <u>470-3</u> Sampler - UPS - Bus - Other: <u>9.3</u> - #140 Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Impact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <i>SR</i>		TPH BTEX CHLORIDES			

† 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		<b>BILL TO</b>	
Project Manager: Chris Jones	P.O. #:		
Address: 1601 N. Turner St., Ste 500	Company: 11		
City: Hobbs	Attn:		
State: NM Zip: 88240	Address:		
Phone #: 575-964-7814	City:		
Fax #: _____	State:		
Project Owner:	Zip:		
Project #: _____	Phone #:		
Project Name: 11	Fax #:		
Project Location: 11			
Sampler Name: 11			

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:			
H854022	5-51	C									7/3		TPH
51	5-52												BTEX
53	5-53												CHLORIDES
54	5-54												
55	5-55												
56	5-56												
57	5-57												
58	5-58												

**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: <i>For</i>	Date: _____	Time: _____	Received By: <i>Stadkigney</i>	Date: _____	Time: _____
Delivered By: (Circle One) <i>UPS</i>	Sample Condition	CHECKED BY: <i>SR</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
Sampler - UPS - Bus - Other: <i>9.0.1/40.3</i>	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Initials	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:	
Remarks: <i>9.3. #140</i>					

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Paragon Environmental		Project Manager: Chris Jones		P.O. #:
Address: 1601 N. Turner St., Ste 500		City: Hobbs		Company: {}
Phone #: 575-964-7814		State: NM zip: 88240		Attn:
Project #:		Project Owner:		Address:
Project Name: {}		Project Location: {}		City:
Sampler Name: {}		FOR LAB USE ONLY		State:
				Zip:
				Phone #:
				Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST
MS4002	MSW-1	✓		GROUNDWATER			7/3		TPH
59	MSW-2			WASTEWATER					BTEX
L00	MSW-3			SOIL					CHLORIDES
L01	MSW-4			OIL					
L02	MSW-5			SLUDGE					
L03	MSW-6			OTHER :					
L04	ESW-1			ACID/BASE:					
L05	ESW-2			ICE / COOL					
L06	ESW-3			OTHER :					
L07	ESW-4								
L08									

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: 7-3-25 Received By: *[Signature]* Date: 7-3-25  
 Relinquished By: *[Signature]* Date: 7-3-25 Received By: *[Signature]* Date: 7-3-25

Delivered By: (Circle One) *g.u. to 3.* Sample Condition:  Cool  Intact  
 Sampler - UPS - Bus - Other: *g.3: #140*  Yes  No

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

REMARKS:

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





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental	P.O. #:
Project Manager: Chris Jones	Company: \
Address: 1601 N. Turner St., Ste 500	Attn:
City: Hobbs	Address:
Phone #: 575-964-7814	City:
Project #:	State:
Project Name: \	Zip:
Project Location: \	Phone #:
Sampler Name: \	Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H054002	ESW-5	C								7/5		TPH
69	ESW-6											BTEX
70	SSW-1											CHLORIDES
71	SSW-2											
72	SSW-3											
73	SSW-4											
74	SSW-5											
75	SSW-6											
76	SSW-1											
77	SSW-2											

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: <i>[Signature]</i>	Date: 7/3/25	Time: 1338	Received By: <i>[Signature]</i>	Date: 7/5	Time: 1338
Delivered By: (Circle One) <u>UPS</u>	9:40:30	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Checked By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Sampler - UPS - Bus - Other: <u>UPS</u>	9:30:14	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	REMARKS:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____

† 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: _____ Project Name: _____ State: _____ Zip: _____ Project Location: _____ Phone #: _____ Fax #: _____ Sampler Name: ( ) Phone #: _____ Fax #: _____				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>			
P.O. #: _____ Company: ( ) Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____											
Lab I.D. Sample I.D. HS4000 79 WSW-3 2 1/2 80 WSW-4 2 1/2 81 WSW-5 5' 82 WSW-6 5'				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				DATE TIME 7/3 TPH BTEX CHLORIDES			
Relinquished By: <i>[Signature]</i> Date: 7-3-25 Time: 1338 Received By: <i>[Signature]</i> Date: _____ Time: _____				Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <i>[Signature]</i> (Initials)				REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____			

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



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

---

July 24, 2025

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: MERAK 7 FED 8 TB

Enclosed are the results of analyses for samples received by the laboratory on 07/18/25 15:08.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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  
 1601 N TURNER ST., STE 500  
 HOBBS NM, 88240  
 Fax To:

Received:	07/18/2025	Sampling Date:	07/18/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	MERAK 7 FED 8 TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY		

**Sample ID: S - 5 2' (H254339-01)**

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	07/22/2025	ND	2.05	102	2.00	13.6	
Toluene*	<0.050	0.050	07/22/2025	ND	2.02	101	2.00	8.78	
Ethylbenzene*	<0.050	0.050	07/22/2025	ND	2.03	102	2.00	5.49	
Total Xylenes*	<0.150	0.150	07/22/2025	ND	6.18	103	6.00	5.37	
Total BTEX	<0.300	0.300	07/22/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/21/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2025	ND	196	97.9	200	0.737	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.7	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 69.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.1 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/18/2025	Sampling Date:	07/18/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	MERAK 7 FED 8 TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY		

**Sample ID: S - 6 2' (H254339-02)**

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	07/22/2025	ND	2.05	102	2.00	13.6		
Toluene*	<0.050	0.050	07/22/2025	ND	2.02	101	2.00	8.78		
Ethylbenzene*	<0.050	0.050	07/22/2025	ND	2.03	102	2.00	5.49		
Total Xylenes*	<0.150	0.150	07/22/2025	ND	6.18	103	6.00	5.37		
Total BTEX	<0.300	0.300	07/22/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2025	ND	448	112	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/21/2025	ND	196	97.9	200	0.737		
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.7	200	1.37		
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND						

Surrogate: 1-Chlorooctane 69.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.0 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/18/2025	Sampling Date:	07/18/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	MERAK 7 FED 8 TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY		

**Sample ID: S - 39 2 1/2' (H254339-03)**

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	07/22/2025	ND	2.05	102	2.00	13.6	
Toluene*	<0.050	0.050	07/22/2025	ND	2.02	101	2.00	8.78	
Ethylbenzene*	<0.050	0.050	07/22/2025	ND	2.03	102	2.00	5.49	
Total Xylenes*	<0.150	0.150	07/22/2025	ND	6.18	103	6.00	5.37	
Total BTEX	<0.300	0.300	07/22/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/22/2025	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2025	ND	196	97.9	200	0.737	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.7	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 68.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.1 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	07/18/2025	Sampling Date:	07/18/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	MERAK 7 FED 8 TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY		

**Sample ID: S - 40 5' (H254339-04)**

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	07/22/2025	ND	2.05	102	2.00	13.6	
Toluene*	<0.050	0.050	07/22/2025	ND	2.02	101	2.00	8.78	
Ethylbenzene*	<0.050	0.050	07/22/2025	ND	2.03	102	2.00	5.49	
Total Xylenes*	<0.150	0.150	07/22/2025	ND	6.18	103	6.00	5.37	
Total BTEX	<0.300	0.300	07/22/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/22/2025	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2025	ND	196	97.9	200	0.737	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.7	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 72.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.7 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/18/2025	Sampling Date:	07/18/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	MERAK 7 FED 8 TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY		

**Sample ID: S - 42 5' (H254339-05)**

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	07/22/2025	ND	2.05	102	2.00	13.6	
Toluene*	<0.050	0.050	07/22/2025	ND	2.02	101	2.00	8.78	
Ethylbenzene*	<0.050	0.050	07/22/2025	ND	2.03	102	2.00	5.49	
Total Xylenes*	<0.150	0.150	07/22/2025	ND	6.18	103	6.00	5.37	
Total BTEX	<0.300	0.300	07/22/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/22/2025	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2025	ND	196	97.9	200	0.737	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.7	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 74.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.3 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/18/2025	Sampling Date:	07/18/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	MERAK 7 FED 8 TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY		

**Sample ID: S - 45 5' (H254339-06)**

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	07/22/2025	ND	2.05	102	2.00	13.6	
Toluene*	<0.050	0.050	07/22/2025	ND	2.02	101	2.00	8.78	
Ethylbenzene*	<0.050	0.050	07/22/2025	ND	2.03	102	2.00	5.49	
Total Xylenes*	<0.150	0.150	07/22/2025	ND	6.18	103	6.00	5.37	
Total BTEX	<0.300	0.300	07/22/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/22/2025	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2025	ND	196	97.9	200	0.737	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.7	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 65.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 62.8 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/18/2025	Sampling Date:	07/18/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	MERAK 7 FED 8 TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY		

**Sample ID: S - 51 5' (H254339-07)**

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	07/22/2025	ND	2.05	102	2.00	13.6	
Toluene*	<0.050	0.050	07/22/2025	ND	2.02	101	2.00	8.78	
Ethylbenzene*	<0.050	0.050	07/22/2025	ND	2.03	102	2.00	5.49	
Total Xylenes*	<0.150	0.150	07/22/2025	ND	6.18	103	6.00	5.37	
Total BTEX	<0.300	0.300	07/22/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	07/22/2025	ND	448	112	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/21/2025	ND	196	97.9	200	0.737	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.7	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 70.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 67.7 % 40.6-153

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. 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

<b>Company Name:</b> Paragon Environmental <b>Project Manager:</b> Chris Jones <b>Address:</b> 1601 N. Turner St., Ste 500 <b>City:</b> Hobbs <b>State:</b> NM <b>zip:</b> 88240 <b>Phone #:</b> 575-964-7814 <b>Fax #:</b> <b>Project #:</b> <b>Project Owner:</b> <b>Project Name:</b> Marak 7 Fed 8 TB <b>Project Location:</b> Eddy County <b>Sampler Name:</b> Franca Redford		<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> Scot Energy <b>Attn:</b> Kathy Rivers <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>	
<b>FOR LAB USE ONLY</b> <b>Lab I.D.</b> <b>Sample I.D.</b> #354339 1-5 21 2-6 21 3-34 2 1/2 4-40 51 5-42 51 6-45 51 7-51 51		<b>MATRIX</b> (G)RAB OR (C)OMP. <input checked="" type="checkbox"/> # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL <input checked="" type="checkbox"/> OTHER:	
<b>DATE</b> <b>TIME</b> 7/18		<b>ANALYSIS REQUEST</b> TPH BTEX CHLORIDES	
<b>Relinquished By:</b> <i>Tracy R</i> <b>Relinquished Date:</b> 7-18-08 <b>Time:</b> 1508 <b>Date:</b>		<b>Received By:</b> <i>Franca</i> <b>Received Date:</b>	
<b>Delivered By:</b> (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other 4:40 / 6:03:10 472 #143		<b>CHECKED BY:</b> (Initials) PR	
<b>Sample Condition:</b> Cool <input checked="" type="checkbox"/> Intact Yes <input checked="" type="checkbox"/> No No <input type="checkbox"/> Yes		<b>REMARKS:</b> NA 99 2512030793	

Please Fax within 30 days of receipt for 15721 302 3932





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

---

August 20, 2025

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: MERAK 7 FED 8 TB

Enclosed are the results of analyses for samples received by the laboratory on 08/14/25 15:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. 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  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received:	08/14/2025	Sampling Date:	08/11/2025
Reported:	08/20/2025	Sampling Type:	Soil
Project Name:	MERAK 7 FED 8 TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY		

**Sample ID: BACK FILL- 1 (H255058-01)**

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	08/15/2025	ND	1.92	95.8	2.00	3.73		
Toluene*	<0.050	0.050	08/15/2025	ND	1.99	99.3	2.00	5.12		
Ethylbenzene*	<0.050	0.050	08/15/2025	ND	1.98	98.8	2.00	5.64		
Total Xylenes*	<0.150	0.150	08/15/2025	ND	6.06	101	6.00	5.23		
Total BTEX	<0.300	0.300	08/15/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/18/2025	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	08/15/2025	ND	187	93.3	200	0.889		
DRO >C10-C28*	<10.0	10.0	08/15/2025	ND	203	102	200	1.42		
EXT DRO >C28-C36	<10.0	10.0	08/15/2025	ND						

Surrogate: 1-Chlorooctane 80.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.9 % 40.6-153

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.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

\*=Accredited Analyte

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

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Paragon Environmental  
Project Manager: Chris Jones

P.O. #: \_\_\_\_\_  
Company: *Solut Energy*

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM zip: 88240

Phone #: 575-964-7814 Fax #: \_\_\_\_\_

Project #: \_\_\_\_\_ Project Owner: \_\_\_\_\_

Project Name: *Mexak 7 Fed 8 TB*

Project Location: *Eddy County*

Sampler Name: *Francisco Bibeled*

FOR LAB USE ONLY

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D. Sample I.D.

*H35508*  
*Beattil -1*

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

DATE *8/11*  
TIME \_\_\_\_\_

*TPH*  
*BTEX*  
*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 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 subcontractors, 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: *8/14/85*

Received By: *Opavos*

Relinquished By: *ZLR* Date: *15310*

Received By: \_\_\_\_\_

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: *UPS / CTOBI*

Sample Condition  
Cool  Intact   
Yes  No

CHECKED BY: *PP*  
(Initials)

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

REMARKS: *NAPP 2512030793*

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 525698

**QUESTIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 525698
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2512030793
Incident Name	NAPP2512030793 MERAK 7 FED 8 TB @ O-07-17S-30E
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	MERAK 7 FED 8 TB
Date Release Discovered	04/27/2025
Surface Owner	Federal

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion   Pipeline (Any)   Produced Water   Released: 16 BBL   Recovered: 11 BBL   Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	CHECK VALVE ON THE WATER TRANSFER LINE FAILED RELEASING PW ONTO THE PAD AND IN THE PASTURE

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 525698

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 525698
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

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

**Initial Response**

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

The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<b>N/A</b>

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

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

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 11/12/2025
--	---



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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 525698

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 525698
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

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

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	2600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	06/23/2025
On what date will (or did) the final sampling or liner inspection occur	07/03/2025
On what date will (or was) the remediation complete(d)	08/19/2025
What is the estimated surface area (in square feet) that will be reclaimed	11350
What is the estimated volume (in cubic yards) that will be reclaimed	1341
What is the estimated surface area (in square feet) that will be remediated	11350
What is the estimated volume (in cubic yards) that will be remediated	1341

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

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

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 525698

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 525698
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

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

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	<a href="#">fEEM0112342028 LEA LAND LANDFILL</a>
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 11/12/2025
--	---

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

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 525698

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 525698
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 525698

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 525698
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>511425</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>10/06/2025</b>
What was the (estimated) number of samples that were to be gathered	<b>6</b>
What was the sampling surface area in square feet	<b>1200</b>

<b>Remediation Closure Request</b>	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	11350
What was the total volume (cubic yards) remediated	1341
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	11350
What was the total volume (in cubic yards) reclaimed	1341
Summarize any additional remediation activities not included by answers (above)	<b>CONTAMINATED SOILS WERE REMOVED TO MEET THE MOST STRINGENT STANDARDS SET FORTH BY NMOCD</b>

*The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 11/12/2025
--	---

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 525698

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 525698
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Reclamation Report</b>	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 525698

**CONDITIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 525698
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2512030793 MERAK 7 FED 8 TB, thank you. This Remediation Closure Report is approved.	12/5/2025