

Spill Volume(Bbls) Calculator		
<i>Inputs in blue, Outputs in red</i>		
Length(Ft)	Width(Ft)	Depth(In)
<u>242.000</u>	<u>176.000</u>	<u>0.250</u>
Cubic Feet Impacted		<u>887.333</u>
Barrels		<u>158.03</u>
Soil Type		Clay/Sand
Bbls Assuming 100% Saturation		<u>23.70</u>
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels Released		23.80000

Instructions
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)

Measurements	
Length (ft)	242
Width (ft)	176
Depth (in)	0.250









October 7, 2025

NMSLO
Tami Knight
Carlsbad, NM 88220

NMOCD District 2
Mr. Mike Bratcher
Artesia, NM 88210

Re: Site Assessment, Remediation, and Closure Request
Red Lake 32 St #2H
API No. 30-015-44948
GPS: Latitude 32.784483 Longitude -104.29264
U/L "P," Sec. 32, T17S, R27E
Eddy County, NM
NMOCD Ref. No. NAPP2509728439

Paragon Environmental LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to conduct a spill assessment and remediation activities at the Red Lake 32 St. #2H (Red Lake) release site. Details of the release are summarized below:

Release Details			
Type of Release:	Crude Oil & Produced Water	Volume of Release:	22 bbls PW & 2 bbls Crude Oil
		Volume Recovered:	21 bbls PW & 1 bbls Crude Oil
Source of Release:	Well Packing Failed	Date of Release:	04/03/2025
Was Immediate Notice Given?	No	If, Yes, to Whom?	NMOCD Portal
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	State	Mineral Owner:	State
Packing failed on the wellhead releasing an oil and produced water mix on the location pad.			

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 26-50'
- Method to determine DTW USGS
- 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 miles
- 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- ½-1 mi
- Categorize the risk of this well/site being in a karst area geology- High
- A 100-year floodplain- 1-5 mi
- Did the release impact areas not on an exploration, development, production, or storage site- no

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Artesia Group (Guadalupean)—Shelf facies forming a broad south-southeast trending outcrop from Glorieta to the Artesia area; includes Tansill, Yates, Seven Rivers, Queen, and Grayburg Formations (Guadalupean). May locally include Moenkopi Formation (Triassic) at top (PAT). The soil in this area is composed of the Reeves-Gypsum Land Complex, characterized by slopes ranging from 0 to 3 percent, according to the United States Department of Agriculture's Natural Resources Conservation Service. The drainage course in this area is 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 April 15, 2025, Paragon visited the Red Lake and conducted an initial site assessment, obtaining soil samples. During the initial site assessment, eight (8) soil samples were collected in the spill zone. An additional thirteen (13) samples were collected to delineate horizontally. A table summarizing the titration results from the the soil samples collected during the above-stated activities is provided below.

4-15-25 Field Sample Results

Field Testing		
Sample Date 4-15-25		
Sample ID	Depth (BGS)	CHLORIDES
S-1	2'	284
S-2	2'	284
S-3	2'	284
S-4	2'	284
S-5	2'	284
S-6	4'	425
S-7	4'	284
S-8	4'	425
HZ-1	SURFACE	ND
HZ-2	SURFACE	ND
HZ-3	SURFACE	ND
HZ-4	SURFACE	ND
HZ-5	SURFACE	ND
HZ-6	SURFACE	ND
HZ-7	SURFACE	ND
HZ-8	SURFACE	ND
HZ-9	SURFACE	ND
HZ-10	SURFACE	ND
HZ-11	SURFACE	ND
HZ-12	SURFACE	ND
HZ-13	SURFACE	ND

ND- Analyte Not Detected

A Site Map is provided in Figure #1.

REMEDATION ACTIVITIES

On May 27, 2025, Paragon mobilized personnel and equipment to begin the remediation at the Red Lake. The remediation consisted of the following:

In the areas from S-1 to S-5, we excavated to a depth of 2 feet BGS. These areas measured approximately 5800 s/f. We excavated approximately 430 c/y of material.

In the areas from S-6 to S-8, we excavated to a depth of 4 feet BGS. These areas measured approximately 2000 s/f. We excavated approximately 296 c/y.

A sampling notification was submitted to the NMOCD on June 30, 2025, for a sampling event conducted on July 3, 2025. The bottom samples were representative of no more than 200 sq/ft, and the sidewall samples were obtained within 50 feet. The results of these sampling events are in the following data tables:

7-3-25 Confirmation Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 7/3/24	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	EXT	Total TPH	CHLORIDES
S - 1 2'	<0.300	<0.050	<10.0	28.7	<10.0	28.7	880
S - 2 2'	<0.300	<0.050	<10.0	28.9	<10.0	28.9	864
S - 3 2'	<0.300	<0.050	<10.0	28.5	<10.0	28.5	816
S - 4 2'	<0.300	<0.050	<10.0	24.8	<10.0	24.8	672
S - 5 2'	<0.300	<0.050	<10.0	20.6	<10.0	20.6	544
S - 6 2'	<0.300	<0.050	<10.0	20.0	<10.0	20	624
S - 7 2'	<0.300	<0.050	<10.0	13.0	<10.0	13	496
S - 8 2'	<0.300	<0.050	<10.0	13.2	<10.0	13.2	640
S - 9 2'	<0.300	<0.050	<10.0	21.5	<10.0	21.5	560
S - 10 2'	<0.300	<0.050	<10.0	18.4	<10.0	18.4	560
S - 11 2'	<0.300	<0.050	<10.0	18.6	<10.0	18.6	592
S - 12 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	240
S - 13 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	240
S - 14 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	272
S - 15 2'	<0.300	<0.050	<10.0	12.7	<10.0	12.7	304
S - 16 2'	<0.300	<0.050	<10.0	14.5	<10.0	14.5	304
S - 17 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	416
S - 18 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	352
S - 19 2'	<0.300	<0.050	<10.0	21.9	<10.0	21.9	320
S - 20 2'	<0.300	<0.050	<10.0	15.4	<10.0	15.4	352
S - 21 2'	<0.300	<0.050	<10.0	11.1	<10.0	11.1	368
S - 22 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	416
S - 23 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	432
S - 24 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	496
S - 25 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	464
S - 26 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	192
S - 27 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	128
S - 28 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	208

S - 29 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	144
S - 30 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	144
S - 31 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	96.0
S - 32 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	128
S - 33 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	144
S - 34 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	144
S - 35 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	112
S - 36 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	144
S - 37 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	144
S - 38 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	128
S - 39 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	176
S - 40 4'	<0.300	<0.050	<10.0	23.5	<10.0	23.5	176
S - 41 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	160
S - 42 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	112
NSW - 1 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	96.0
ESW - 1 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	112
ESW - 2 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	96.0
ESW - 3 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	112
SSW - 1 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	112
WSW - 1 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	112
WSW - 2 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	96.0
NSW - 2 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	144
NSW - 3 4'	<0.300	<0.050	<10.0	179	33.7	212.7	1570
NSW - 4 4'	<0.300	<0.050	<10.0	136	21.3	157.3	768
ESW - 4 4'	<0.300	<0.050	<10.0	246	59.2	305.2	1090
ESW - 5 4'	<0.300	<0.050	<10.0	115	20.4	135.4	816
SSW - 2 4'	<0.300	<0.050	<10.0	87.7	13.7	101.4	832
SSW - 3 4'	<0.300	<0.050	<10.0	96.9	13.8	110.7	944
WSW - 3 4'	<0.300	<0.050	<10.0	157	31.9	188.9	1310
WSW - 4 4'	<0.300	<0.050	<10.0	285	65.6	350.6	1390
WSW - 5 4'	<0.300	<0.050	<10.0	120	20.5	140.5	1280

Laboratory data are attached in Appendix D

Based on these results, additional excavation was conducted. A surface scrape was done in the areas of S-1, 2, 3, 4, 6, and S-8. An additional half a foot was excavated horizontally along the sidewalls of NSW-3 & 4, ESW-4 & 5, SSW-2 & 3, WSW-3, 4, & 5. These events added an additional 10 c/y of material being excavated. An additional notification was submitted to the NMOCD to obtain further samples. These results 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 7/18/24	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	EXT	Total TPH	CHLORIDES
S - 1 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	48.0
S - 2 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	48.0
S - 3 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	48.0
S - 4 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	48.0
S - 6 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	48.0
S - 8 2'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	64.0
NSW - 3 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	96.0
NSW - 4 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	64.0
ESW - 4 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	112
ESW - 5 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	96.0
SSW - 2 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	64.0
SSW - 3 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	80.0
WSW - 3 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	80.0
WSW - 4 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	48.0
WSW - 5 4'	<0.300	<0.050	<10.0	<10.0	<10.0	<10.0	80.0

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. Like material was obtained from a localized pit and used to backfill the excavation. The affected area was then contoured and machine-compacted to match the surrounding grade.

During the writing of this closure report, it was noticed that there was no backfill sample obtained. Another notification was submitted to the NMOCD on 8-6-25 to obtain a backfill sample. The result of that sample is in the following data table.

8-11-25 Backfill Samples 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
Backfill Comp	ND	ND	ND	ND	ND	ND	32

(ND) Analyte Not Detected

CLOSURE REQUEST

After careful review, Paragon requests that the incident, NAPP2509728439, 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.

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 Maps

Appendices:

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



Figures:

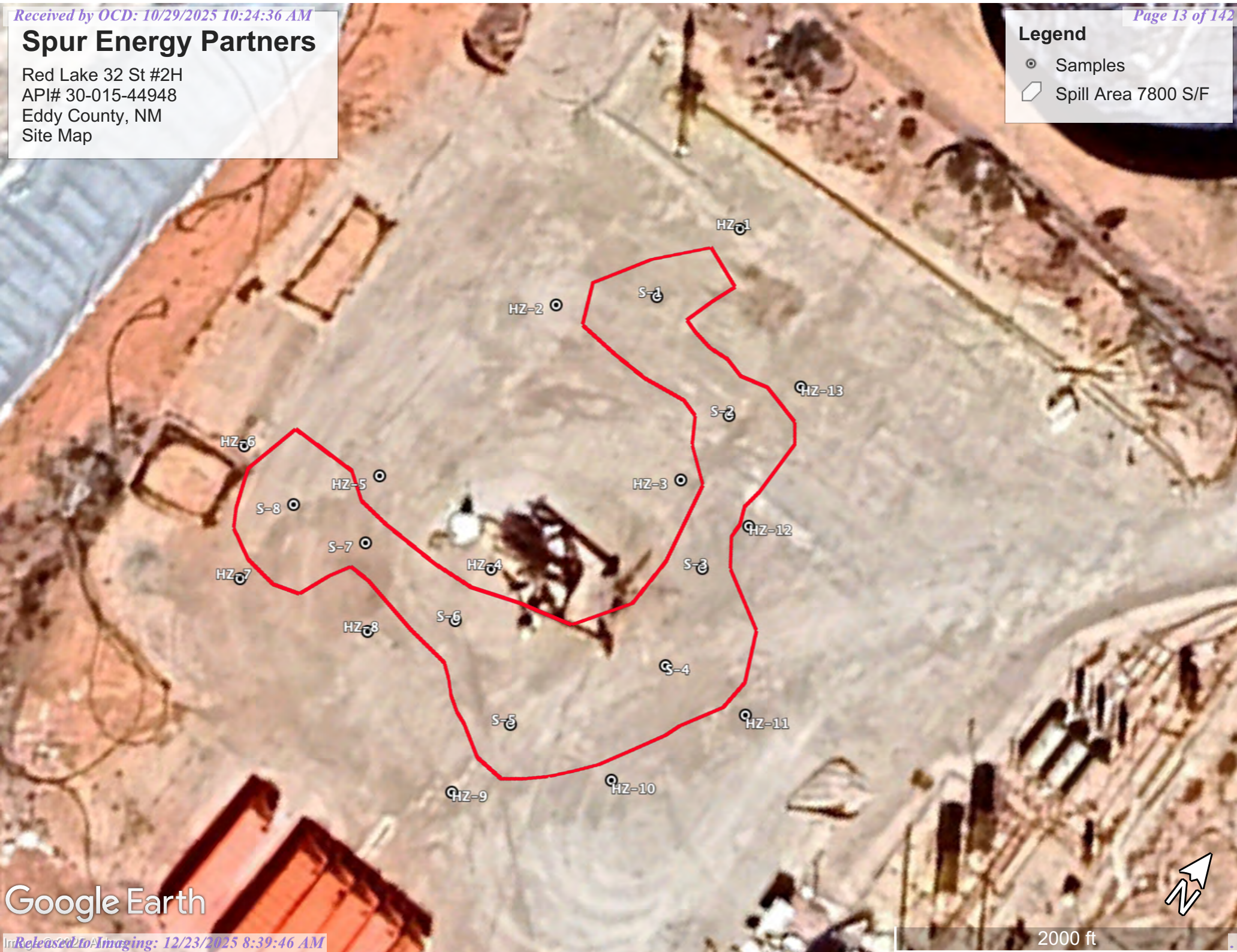
- 1-Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Wetlands Map
- 5- Confirmation Sample Map

Spur Energy Partners

Red Lake 32 St #2H
API# 30-015-44948
Eddy County, NM
Site Map

Legend

- Samples
- Spill Area 7800 S/F



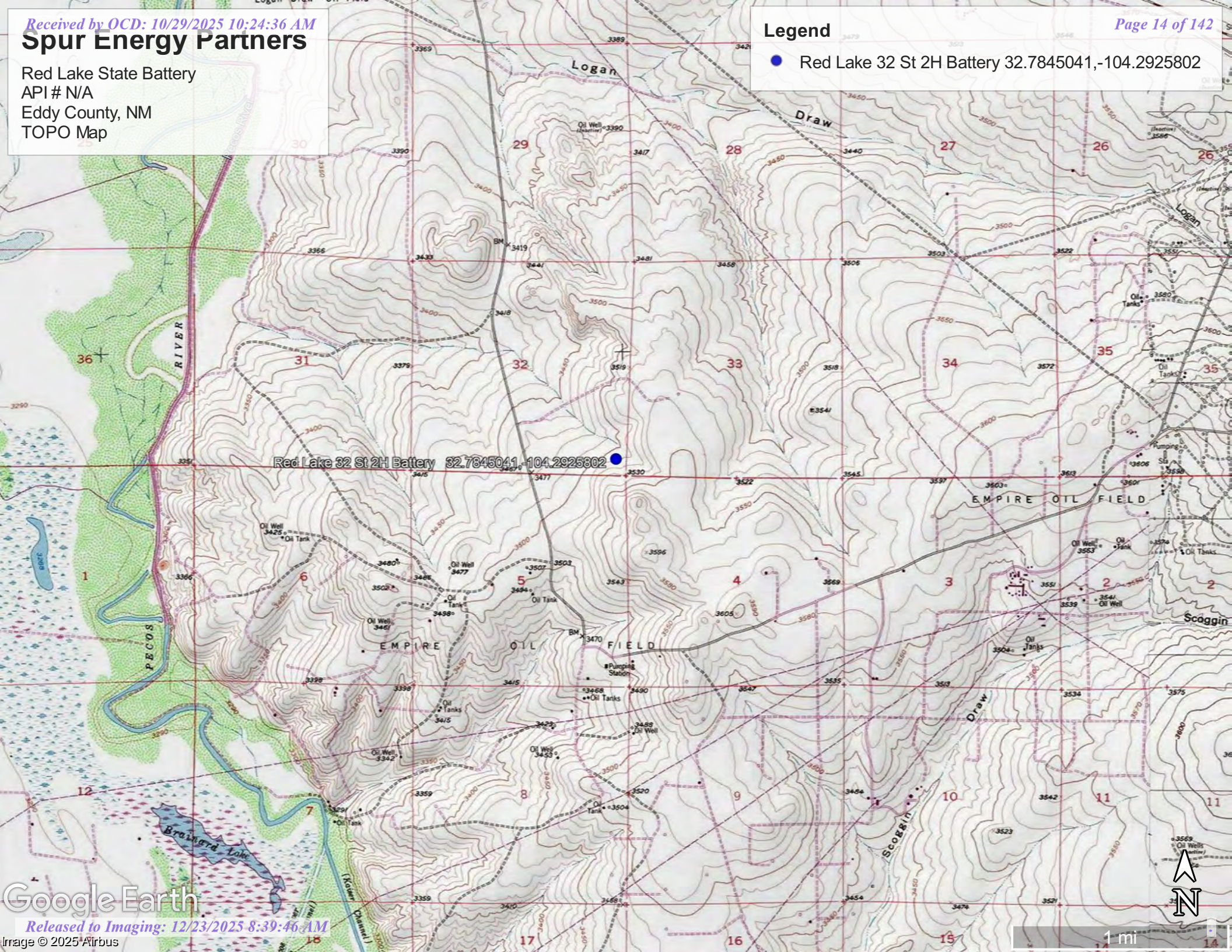
Google Earth

Spur Energy Partners

Red Lake State Battery
API # N/A
Eddy County, NM
TOPO Map

Legend

- Red Lake 32 St 2H Battery 32.7845041,-104.2925802

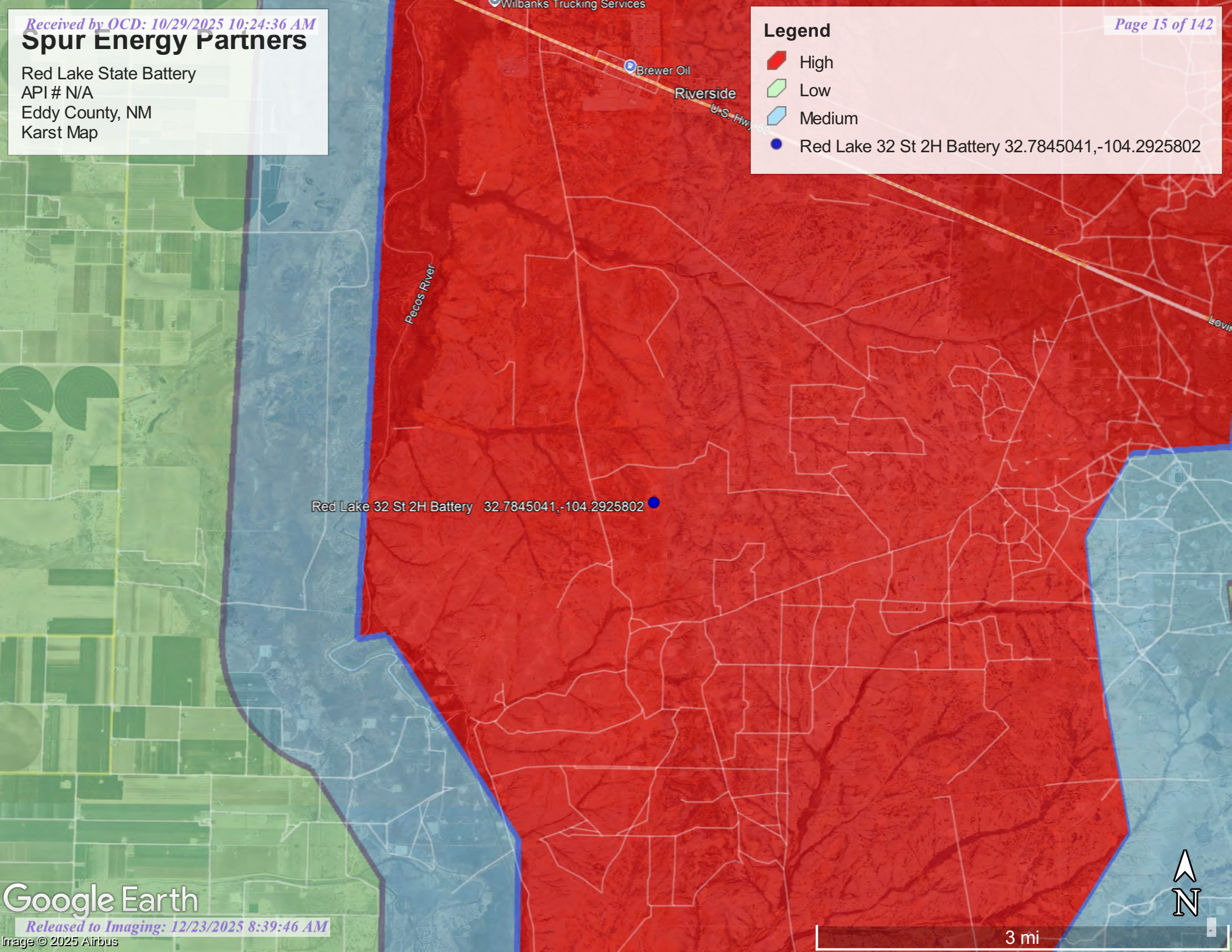


Spur Energy Partners

Red Lake State Battery
API # N/A
Eddy County, NM
Karst Map

Legend

- High
- Low
- Medium
- Red Lake 32 St 2H Battery 32.7845041,-104.2925802






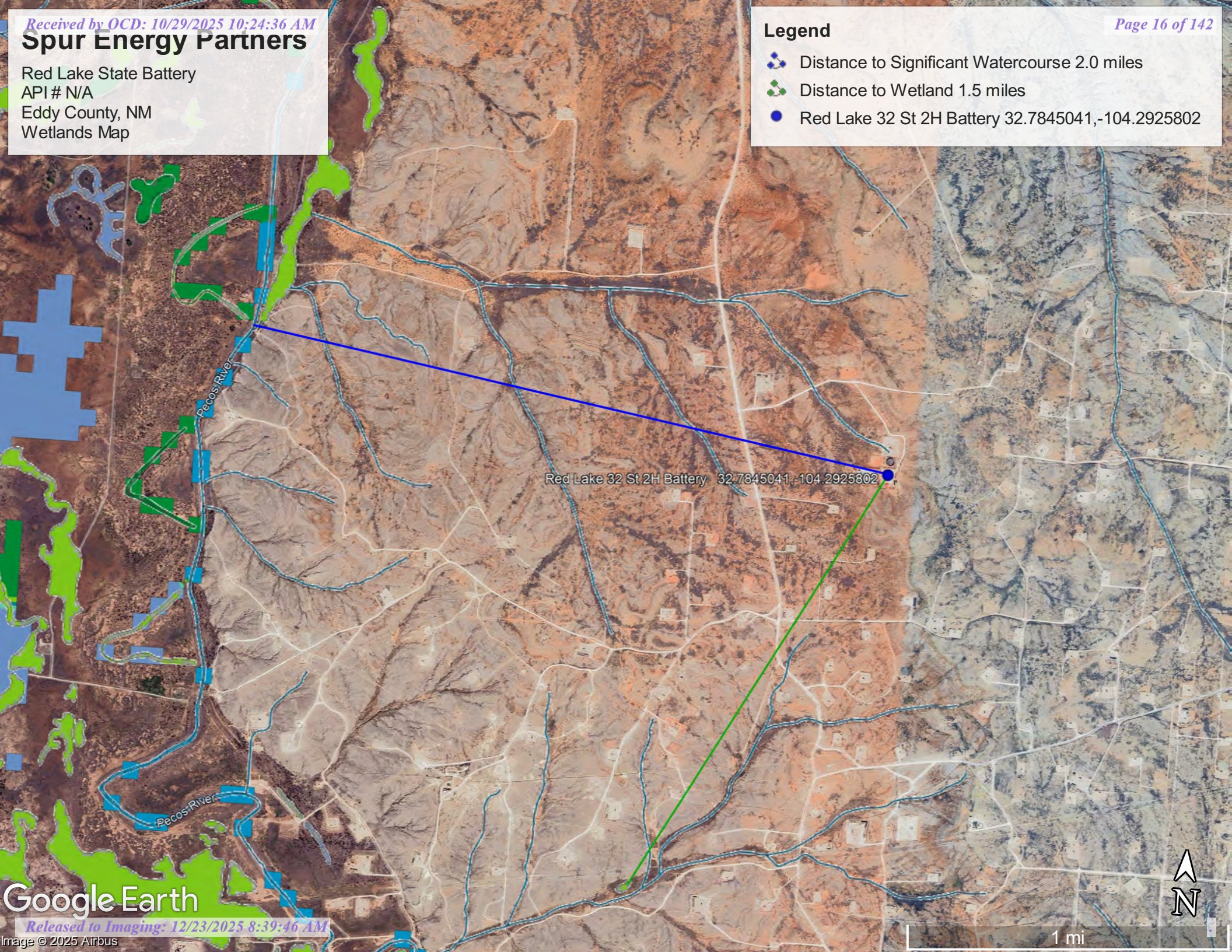
Red Lake 32 St 2H Battery 32.7845041,-104.2925802

Spur Energy Partners

Red Lake State Battery
API # N/A
Eddy County, NM
Wetlands Map

Legend

-  Distance to Significant Watercourse 2.0 miles
-  Distance to Wetland 1.5 miles
-  Red Lake 32 St 2H Battery 32.7845041,-104.2925802



Red Lake 32 St 2H Battery 32.7845041,-104.2925802

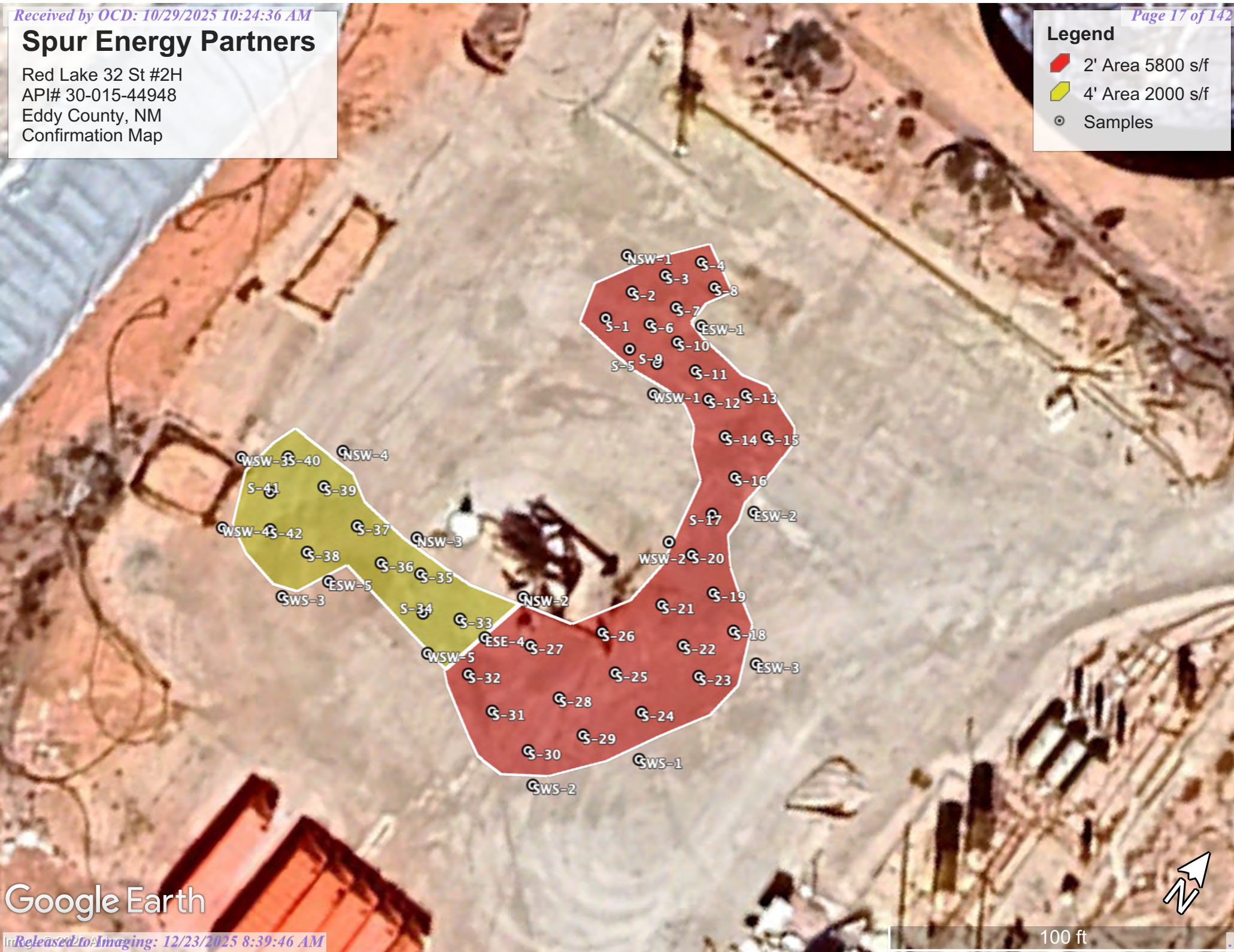
Google Earth



1 mi

Red Lake 32 St #2H
API# 30-015-44948
Eddy County, NM
Confirmation Map

- 2' Area 5800 s/f
- 4' Area 2000 s/f
- Samples





Appendix A:

Referenced Water Data

USGS



[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

United States

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 324715104180201

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 324715104180201 17S.27E.32.32000

Available data for this site

Groundwater: Field measurements

GO

Eddy County, New Mexico

Hydrologic Unit Code 13060007

Latitude 32°47'15", Longitude 104°18'02" NAD27

Land-surface elevation 3,454 feet above NAVD88

The depth of the well is 400 feet below land surface.

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the San Andres Limestone (313SADR) local aquifer.

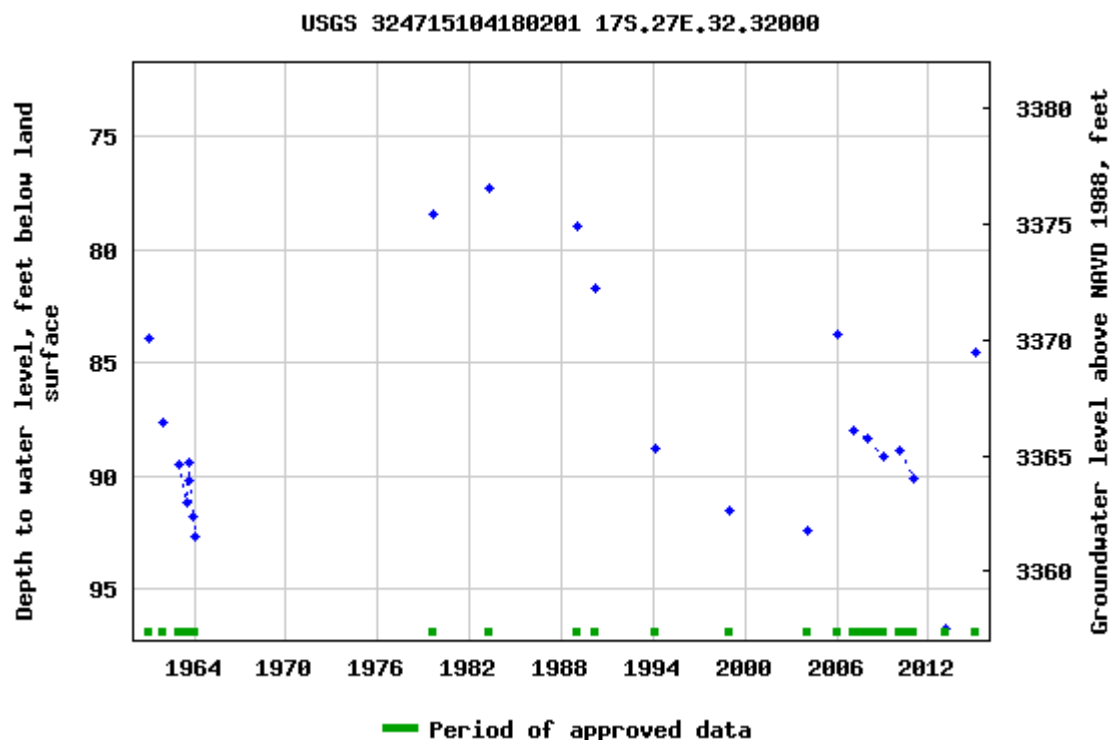
Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)



Breaks in the plot represent a gap of at least one year between field measurements.
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Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2023-07-25 10:50:40 EDT

0.61 0.54 nadww02



Appendix B:

Soil Survey

U.S.D.A.

FEMA Flood Map

Map Unit Description: Gypsum land---Eddy Area, New Mexico

Eddy Area, New Mexico

GA—Gypsum land

Map Unit Setting

National map unit symbol: 1w4f

Elevation: 1,250 to 5,000 feet

Mean annual precipitation: 10 to 25 inches

Mean annual air temperature: 57 to 66 degrees F

Frost-free period: 190 to 225 days

Farmland classification: Not prime farmland

Map Unit Composition

Gypsum land: 98 percent

Minor components: 2 percent

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

Description of Gypsum Land

Setting

Landform: Ridges, plains, hills

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components

Reeves

Percent of map unit: 1 percent

Ecological site: R070BC033NM - Salty Bottomland

Hydric soil rating: No

Cottonwood

Percent of map unit: 1 percent

Ecological site: R070BC033NM - Salty Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 20, Sep 3, 2024

National Flood Hazard Layer FIRMette



104°18'3"W 32°47'19"N



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

1:6,000

104°17'26"W 32°46'49"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		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/23/2025 at 5:57 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Appendix C:

NMOCD Notification

Photographic Documentation



OCD Permitting

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

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

Submission Information

Submission ID:	480381	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , RED LAKE 32 STATE 2H , nAPP2509728439		
Status:	Approved		
Status Date:	06/30/2025		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2509728439
Incident Name	NAPP2509728439 RED LAKE 32 STATE 2H @ 30-015-44948
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-015-44948] RED LAKE 32 STATE #002H

Location of Release Source

Site Name	RED LAKE 32 STATE 2H
Date Release Discovered	04/03/2025
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	8,250
What is the estimated number of samples that will be gathered	59
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	(32.78448,-104.29264)

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	<i>tristanjones (6/30/2025)</i> , 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. <i>tristanjones (6/30/2025)</i> , 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



OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

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

Submission Information

Submission ID:	485324	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , RED LAKE 32 STATE 2H , nAPP2509728439		
Status:	Approved		
Status Date:	07/15/2025		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2509728439
Incident Name	NAPP2509728439 RED LAKE 32 STATE 2H @ 30-015-44948
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-015-44948] RED LAKE 32 STATE #002H

Location of Release Source

Site Name	RED LAKE 32 STATE 2H
Date Release Discovered	04/03/2025
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	1,400
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/18/2025
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	Angel 575-605-0773
Please provide any information necessary for navigation to sampling site	(32.7845182, -104.2926644)

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	apena (7/15/2025), 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. apena (7/15/2025), 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



OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

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

Submission Information

Submission ID:	492822	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , RED LAKE 32 STATE 2H , nAPP2509728439		
Status:	Approved		
Status Date:	08/06/2025		
References (0):			

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2509728439
Incident Name	NAPP2509728439 RED LAKE 32 STATE 2H @ 30-015-44948
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-015-44948] RED LAKE 32 STATE #002H

Location of Release Source

Site Name	RED LAKE 32 STATE 2H
Date Release Discovered	04/03/2025
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/11/2025
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	Angel Pena 5756050773
Please provide any information necessary for navigation to sampling site	32.78448,-10429264

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	apena (8/6/2025), 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.
	apena (8/6/2025), 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



**Photographic Documentation
Incident**



During



Complete







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: RED LAKE 32 2H

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.

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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 1 2'	H254023-01	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 2 2'	H254023-02	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 3 2'	H254023-03	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 4 2'	H254023-04	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 5 2'	H254023-05	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 6 2'	H254023-06	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 7 2'	H254023-07	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 8 2'	H254023-08	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 9 2'	H254023-09	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 10 2'	H254023-10	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 11 2'	H254023-11	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 12 2'	H254023-12	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 13 2'	H254023-13	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 14 2'	H254023-14	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 15 2'	H254023-15	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 16 2'	H254023-16	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 17 2'	H254023-17	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 18 2'	H254023-18	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 19 2'	H254023-19	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 20 2'	H254023-20	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 21 2'	H254023-21	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 22 2'	H254023-22	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 23 2'	H254023-23	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 24 2'	H254023-24	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 25 2'	H254023-25	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 26 2'	H254023-26	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 27 2'	H254023-27	Soil	03-Jul-25 00:00	03-Jul-25 13:38

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 28 2'	H254023-28	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 29 2'	H254023-29	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 30 2'	H254023-30	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 31 2'	H254023-31	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 32 2'	H254023-32	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 33 4'	H254023-33	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 34 4'	H254023-34	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 35 4'	H254023-35	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 36 4'	H254023-36	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 37 4'	H254023-37	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 38 4'	H254023-38	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 39 4'	H254023-39	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 40 4'	H254023-40	Soil	03-Jul-25 00:00	03-Jul-25 13:38
NSW - 1 2'	H254023-41	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 1 2'	H254023-42	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 2 2'	H254023-43	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 3 2'	H254023-44	Soil	03-Jul-25 00:00	03-Jul-25 13:38
SSW - 1 2'	H254023-45	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 1 2'	H254023-46	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 2 2'	H254023-47	Soil	03-Jul-25 00:00	03-Jul-25 13:38
NSW - 2 4'	H254023-48	Soil	03-Jul-25 00:00	03-Jul-25 13:38
NSW - 3 4'	H254023-49	Soil	03-Jul-25 00:00	03-Jul-25 13:38
NSW - 4 4'	H254023-50	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 4 4'	H254023-51	Soil	03-Jul-25 00:00	03-Jul-25 13:38
ESW - 5 4'	H254023-52	Soil	03-Jul-25 00:00	03-Jul-25 13:38
SSW - 2 4'	H254023-53	Soil	03-Jul-25 00:00	03-Jul-25 13:38
SSW - 3 4'	H254023-54	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 3 4'	H254023-55	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 4 4'	H254023-56	Soil	03-Jul-25 00:00	03-Jul-25 13:38
WSW - 5 4'	H254023-57	Soil	03-Jul-25 00:00	03-Jul-25 13:38

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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, 88240Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:Reported:
17-Jul-25 09:47

S - 41	4'	H254023-58	Soil	03-Jul-25 00:00	03-Jul-25 13:38
S - 42	4'	H254023-59	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.

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A handwritten signature in black ink, appearing to read "Coley D. Keene", written over a horizontal line.

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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 1 2'
H254023-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	880		16.0	mg/kg	4	5070749	KH	07-Jul-25	4500-Cl-B	
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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	

Surrogate: 4-Bromofluorobenzene (PID) 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*	28.7		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	

Surrogate: 1-Chlorooctane 78.2 % 44.4-145 5070733 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 72.9 % 40.6-153 5070733 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 2 2'**H254023-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	864		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134 5070705 JH 08-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*	28.9		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	

Surrogate: 1-Chlorooctane 76.5 % 44.4-145 5070733 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 73.0 % 40.6-153 5070733 MS 08-Jul-25 8015B

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 3 2'**H254023-03 (Soil)**

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	816		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134 5070705 JH 08-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*	28.5		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	

Surrogate: 1-Chlorooctane 83.3 % 44.4-145 5070733 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 79.2 % 40.6-153 5070733 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 4 2'**H254023-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	672		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134 5070705 JH 08-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*	24.8		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	

Surrogate: 1-Chlorooctane 83.3 % 44.4-145 5070733 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 80.7 % 40.6-153 5070733 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 5 2'**H254023-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	544		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070705	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070705	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.0 %		71.5-134	5070705	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	20.6		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	

Surrogate: 1-Chlorooctane			82.2 %		44.4-145	5070733	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			78.0 %		40.6-153	5070733	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 6 2'**H254023-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	624		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5070706 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*	20.0		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	

Surrogate: 1-Chlorooctane 86.1 % 44.4-145 5070733 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 82.1 % 40.6-153 5070733 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 7 2'**H254023-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	496		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %		71.5-134	5070706	JH	07-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070733	MS	08-Jul-25	8015B	
DRO >C10-C28*	13.0		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	

Surrogate: 1-Chlorooctane			84.0 %		44.4-145	5070733	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			79.6 %		40.6-153	5070733	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 8 2'**H254023-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	640		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 5070706 JH 07-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	13.2		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 95.3 % 44.4-145 5070734 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 90.1 % 40.6-153 5070734 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 9 2'**H254023-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	560		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 5070706 JH 07-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	21.5		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 95.1 % 44.4-145 5070734 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 90.0 % 40.6-153 5070734 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 10 2'
H254023-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	560		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	5070706	JH	07-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	18.4		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			94.1 %		44.4-145	5070734	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			88.2 %		40.6-153	5070734	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 11 2'
H254023-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	592		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5070706	JH	07-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	18.6		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			92.9 %	44.4-145		5070734	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			87.6 %	40.6-153		5070734	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 12 2'
H254023-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			109 %	71.5-134		5070706	JH	07-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.6 %	44.4-145		5070734	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.4 %	40.6-153		5070734	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 13 2'
H254023-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		5070706	JH	07-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			94.1 %	44.4-145		5070734	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			87.1 %	40.6-153		5070734	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 14 2'
H254023-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	272		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		5070706	JH	07-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			95.3 %	44.4-145		5070734	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			87.9 %	40.6-153		5070734	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 15 2'
H254023-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5070706 JH 07-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	12.7		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 95.9 % 44.4-145 5070734 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 88.9 % 40.6-153 5070734 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 16 2'
H254023-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	304		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		5070706	JH	07-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	14.5		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			95.5 %	44.4-145		5070734	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			88.1 %	40.6-153		5070734	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 17 2'
H254023-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 5070706 JH 07-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 101 % 44.4-145 5070734 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 94.7 % 40.6-153 5070734 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 18 2'
H254023-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	07-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	07-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5070706 JH 07-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 94.8 % 44.4-145 5070734 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 87.8 % 40.6-153 5070734 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 19 2'
H254023-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	08-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			111 %	71.5-134		5070706	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	21.9		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.1 %	44.4-145		5070734	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			84.1 %	40.6-153		5070734	MS	08-Jul-25	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 20 2'
H254023-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	352		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	08-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %	71.5-134		5070706	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	15.4		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.4 %	44.4-145		5070734	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.3 %	40.6-153		5070734	MS	08-Jul-25	8015B	
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Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 21 2'
H254023-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	368		16.0	mg/kg	4	5070745	AC	07-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134	5070706	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	11.1		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			91.9 %		44.4-145	5070734	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			86.0 %		40.6-153	5070734	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 22 2'
H254023-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	416		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5070706 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 96.8 % 44.4-145 5070734 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 91.7 % 40.6-153 5070734 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 23 2'
H254023-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	432		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5070706 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 95.4 % 44.4-145 5070734 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 86.4 % 40.6-153 5070734 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 24 2'
H254023-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	496		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	08-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5070706	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.6 %	44.4-145		5070734	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.8 %	40.6-153		5070734	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 25 2'
H254023-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	464		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070706	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070706	JH	08-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %	71.5-134		5070706	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.3 %	44.4-145		5070734	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.7 %	40.6-153		5070734	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 26 2'
H254023-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			118 %		71.5-134	5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			96.1 %		44.4-145	5070734	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			87.4 %		40.6-153	5070734	MS	08-Jul-25	8015B	
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Cardinal Laboratories

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 27 2'**H254023-27 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134 5070708 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070734	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 100 % 44.4-145 5070734 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 91.2 % 40.6-153 5070734 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 28 2'
H254023-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			118 %		71.5-134	5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			74.9 %		44.4-145	5070735	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			71.5 %		40.6-153	5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 29 2'
H254023-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			80.7 %	44.4-145		5070735	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			73.8 %	40.6-153		5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 30 2'
H254023-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.3 %	44.4-145		5070735	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			76.5 %	40.6-153		5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 31 2'
H254023-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134 5070708 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 88.0 % 44.4-145 5070735 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 81.5 % 40.6-153 5070735 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 32 2'
H254023-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			82.4 %	44.4-145		5070735	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			75.2 %	40.6-153		5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 33 4'
H254023-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134 5070708 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 84.2 % 44.4-145 5070735 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 77.4 % 40.6-153 5070735 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 34 4'
H254023-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134 5070708 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 85.2 % 44.4-145 5070735 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 78.4 % 40.6-153 5070735 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 35 4'
H254023-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134 5070708 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 87.2 % 44.4-145 5070735 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 80.3 % 40.6-153 5070735 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 36 4'
H254023-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			117 %		71.5-134	5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			85.9 %		44.4-145	5070735	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			78.7 %		40.6-153	5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 37 4'
H254023-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %		71.5-134	5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.5 %		44.4-145	5070735	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.5 %		40.6-153	5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 38 4'
H254023-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			117 %		71.5-134	5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			86.5 %		44.4-145	5070735	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			82.1 %		40.6-153	5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 39 4'
H254023-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			120 %	71.5-134		5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			86.5 %	44.4-145		5070735	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			82.0 %	40.6-153		5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 40 4'
H254023-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134 5070708 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	23.5		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 83.4 % 44.4-145 5070735 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 84.1 % 40.6-153 5070735 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

NSW - 1 2'
H254023-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5070750	KH	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			116 %	71.5-134		5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			73.5 %	44.4-145		5070735	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			67.6 %	40.6-153		5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

ESW - 1 2'
H254023-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			119 %	71.5-134		5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.1 %	44.4-145		5070735	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			78.6 %	40.6-153		5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

ESW - 2 2'
H254023-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			120 %	71.5-134		5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.4 %	44.4-145		5070735	MS	08-Jul-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.2 %	40.6-153		5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

ESW - 3 2'
H254023-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	71.5-134		5070708	JH	08-Jul-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
Surrogate: 1-Chlorooctane			72.4 %	44.4-145		5070735	MS	08-Jul-25	8015B	
Surrogate: 1-Chlorooctadecane			68.3 %	40.6-153		5070735	MS	08-Jul-25	8015B	

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

SSW - 1 2'
H254023-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070708	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070708	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			117 %	71.5-134		5070708	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			83.7 %	44.4-145		5070735	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			77.3 %	40.6-153		5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

WSW - 1 2'
H254023-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		5070709	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			75.6 %	44.4-145		5070735	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			69.5 %	40.6-153		5070735	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

WSW - 2 2'
H254023-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070735	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 88.7 % 44.4-145 5070735 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153 5070735 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

NSW - 2 4'
H254023-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 65.1 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 53.1 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

NSW - 3 4'
H254023-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1570		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	179		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	33.7		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 77.4 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 75.3 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

NSW - 4 4'
H254023-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	768		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	136		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	21.3		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 71.5 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 69.4 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

ESW - 4 4'
H254023-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1090		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	246		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	59.2		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 78.1 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 78.7 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

ESW - 5 4'
H254023-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	816		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	115		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	20.4		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 73.1 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 70.8 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

SSW - 2 4'
H254023-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	832		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	87.7		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	13.7		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 73.0 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 69.2 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

SSW - 3 4'
H254023-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	944		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		5070709	JH	08-Jul-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	96.9		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	13.8		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane			76.8 %	44.4-145		5070736	MS	08-Jul-25	8015B	
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Surrogate: 1-Chlorooctadecane			72.6 %	40.6-153		5070736	MS	08-Jul-25	8015B	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

WSW - 3 4'
H254023-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1310		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	157		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	31.9		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 79.7 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 78.8 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

WSW - 4 4'
H254023-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1390		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	285		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	65.6		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 82.7 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 84.3 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

WSW - 5 4'
H254023-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1280		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	120		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	20.5		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 80.8 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 78.5 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 41 4'
H254023-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 82.5 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 76.1 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

S - 42 4'
H254023-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5070810	AC	08-Jul-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5070709	JH	08-Jul-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5070709	JH	08-Jul-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134 5070709 JH 08-Jul-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5070736	MS	08-Jul-25	8015B	

Surrogate: 1-Chlorooctane 85.8 % 44.4-145 5070736 MS 08-Jul-25 8015B

Surrogate: 1-Chlorooctadecane 77.6 % 40.6-153 5070736 MS 08-Jul-25 8015B

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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5070745 - 1:4 DI Water**Blank (5070745-BLK1)**

Prepared & Analyzed: 07-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5070745-BS1)

Prepared & Analyzed: 07-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120
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LCS Dup (5070745-BSD1)

Prepared & Analyzed: 07-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120	3.77	20
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Batch 5070749 - 1:4 DI Water**Blank (5070749-BLK1)**

Prepared & Analyzed: 07-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5070749-BS1)

Prepared & Analyzed: 07-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120
----------	-----	------	-------	-----	-----	--------

LCS Dup (5070749-BSD1)

Prepared & Analyzed: 07-Jul-25

Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20
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Batch 5070750 - 1:4 DI Water**Blank (5070750-BLK1)**

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

Chloride	ND	16.0	mg/kg
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LCS (5070750-BS1)

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

Chloride	416	16.0	mg/kg	400	104	80-120
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5070750 - 1:4 DI Water**LCS Dup (5070750-BSD1)**

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Batch 5070810 - 1:4 DI Water**Blank (5070810-BLK1)**

Prepared & Analyzed: 08-Jul-25

Chloride	ND	16.0	mg/kg							
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LCS (5070810-BS1)

Prepared & Analyzed: 08-Jul-25

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (5070810-BSD1)

Prepared & Analyzed: 08-Jul-25

Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
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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: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

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
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Batch 5070705 - Volatiles**Blank (5070705-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)	ND		mg/kg	0.0500		94.9	71.5-134			

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-BSD1)

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			

Batch 5070706 - Volatiles**Blank (5070706-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							

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Analytical Results For:

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

Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

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
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Batch 5070706 - Volatiles**Blank (5070706-BLK1)**

Prepared & Analyzed: 07-Jul-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0557		mg/kg	0.0500		111	71.5-134			

LCS (5070706-BS1)

Prepared & Analyzed: 07-Jul-25

Benzene	2.15	0.050	mg/kg	2.00		107	76.3-129			
Toluene	2.18	0.050	mg/kg	2.00		109	84.1-129			
Ethylbenzene	2.21	0.050	mg/kg	2.00		110	80.1-133			
m,p-Xylene	4.39	0.100	mg/kg	4.00		110	81.4-134			
o-Xylene	2.18	0.050	mg/kg	2.00		109	81.4-133			
Total Xylenes	6.57	0.150	mg/kg	6.00		110	81.5-134			
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.6	71.5-134			

LCS Dup (5070706-BS1)

Prepared & Analyzed: 07-Jul-25

Benzene	2.07	0.050	mg/kg	2.00		104	76.3-129	3.52	15.8	
Toluene	2.11	0.050	mg/kg	2.00		106	84.1-129	3.10	15.9	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	80.1-133	3.93	16	
m,p-Xylene	4.20	0.100	mg/kg	4.00		105	81.4-134	4.35	16.2	
o-Xylene	2.10	0.050	mg/kg	2.00		105	81.4-133	4.02	16.7	
Total Xylenes	6.30	0.150	mg/kg	6.00		105	81.5-134	4.24	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	71.5-134			

Batch 5070708 - Volatiles**Blank (5070708-BLK1)**

Prepared: 07-Jul-25 Analyzed: 08-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)	0.0579		mg/kg	0.0500		116	71.5-134			

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Analytical Results For:

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

Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5070708 - Volatiles**LCS (5070708-BS1)**

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

Benzene	2.03	0.050	mg/kg	2.00		102	76.3-129		
Toluene	2.14	0.050	mg/kg	2.00		107	84.1-129		
Ethylbenzene	2.20	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	2.28	0.050	mg/kg	2.00		114	81.4-133		
Total Xylenes	6.87	0.150	mg/kg	6.00		114	81.5-134		
Surrogate: 4-Bromofluorobenzene (PID)	0.0544		mg/kg	0.0500		109	71.5-134		

LCS Dup (5070708-BSD1)

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

Benzene	1.96	0.050	mg/kg	2.00		98.0	76.3-129	3.58	15.8
Toluene	2.05	0.050	mg/kg	2.00		102	84.1-129	4.71	15.9
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	80.1-133	4.69	16
m,p-Xylene	4.36	0.100	mg/kg	4.00		109	81.4-134	5.13	16.2
o-Xylene	2.16	0.050	mg/kg	2.00		108	81.4-133	5.31	16.7
Total Xylenes	6.52	0.150	mg/kg	6.00		109	81.5-134	5.19	16.3
Surrogate: 4-Bromofluorobenzene (PID)	0.0546		mg/kg	0.0500		109	71.5-134		

Batch 5070709 - Volatiles**Blank (5070709-BLK1)**

Prepared: 07-Jul-25 Analyzed: 08-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)	0.0560		mg/kg	0.0500		112	71.5-134		

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Analytical Results For:

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

Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5070709 - Volatiles**LCS (5070709-BS1)**

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

Benzene	2.24	0.050	mg/kg	2.00		112	76.3-129		
Toluene	2.29	0.050	mg/kg	2.00		115	84.1-129		
Ethylbenzene	2.30	0.050	mg/kg	2.00		115	80.1-133		
m,p-Xylene	4.77	0.100	mg/kg	4.00		119	81.4-134		
o-Xylene	2.41	0.050	mg/kg	2.00		121	81.4-133		
Total Xylenes	7.18	0.150	mg/kg	6.00		120	81.5-134		
Surrogate: 4-Bromofluorobenzene (PID)	0.0502		mg/kg	0.0500		100	71.5-134		

LCS Dup (5070709-BSD1)

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

Benzene	2.17	0.050	mg/kg	2.00		108	76.3-129	3.20	15.8
Toluene	2.22	0.050	mg/kg	2.00		111	84.1-129	3.25	15.9
Ethylbenzene	2.23	0.050	mg/kg	2.00		112	80.1-133	2.95	16
m,p-Xylene	4.64	0.100	mg/kg	4.00		116	81.4-134	2.73	16.2
o-Xylene	2.34	0.050	mg/kg	2.00		117	81.4-133	2.91	16.7
Total Xylenes	6.98	0.150	mg/kg	6.00		116	81.5-134	2.79	16.3
Surrogate: 4-Bromofluorobenzene (PID)	0.0505		mg/kg	0.0500		101	71.5-134		

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Analytical Results For:

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

Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5070733 - General Prep - Organics**Blank (5070733-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	38.9		mg/kg	50.0		77.8	44.4-145		
Surrogate: 1-Chlorooctadecane	35.2		mg/kg	50.0		70.5	40.6-153		

LCS (5070733-BS1)

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		
Surrogate: 1-Chlorooctane	43.6		mg/kg	50.0		87.1	44.4-145		
Surrogate: 1-Chlorooctadecane	41.3		mg/kg	50.0		82.7	40.6-153		

LCS Dup (5070733-BS1)

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
Surrogate: 1-Chlorooctane	43.0		mg/kg	50.0		85.9	44.4-145		
Surrogate: 1-Chlorooctadecane	40.2		mg/kg	50.0		80.5	40.6-153		

Batch 5070734 - General Prep - Organics**Blank (5070734-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	41.5		mg/kg	50.0		83.1	44.4-145		
Surrogate: 1-Chlorooctadecane	38.0		mg/kg	50.0		75.9	40.6-153		

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Analytical Results For:

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

Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5070734 - General Prep - Organics**LCS (5070734-BS1)**

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

GRO C6-C10	186	10.0	mg/kg	200		93.1	81.5-123		
DRO >C10-C28	206	10.0	mg/kg	200		103	77.7-122		
Total TPH C6-C28	392	10.0	mg/kg	400		98.1	80.9-121		
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.2	44.4-145		
Surrogate: 1-Chlorooctadecane	45.0		mg/kg	50.0		90.0	40.6-153		

LCS Dup (5070734-BS1)

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

GRO C6-C10	182	10.0	mg/kg	200		90.9	81.5-123	2.41	13
DRO >C10-C28	205	10.0	mg/kg	200		102	77.7-122	0.614	15.6
Total TPH C6-C28	387	10.0	mg/kg	400		96.7	80.9-121	1.46	18.5
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.9	44.4-145		
Surrogate: 1-Chlorooctadecane	45.5		mg/kg	50.0		90.9	40.6-153		

Batch 5070735 - General Prep - Organics**Blank (5070735-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	38.0		mg/kg	50.0		75.9	44.4-145		
Surrogate: 1-Chlorooctadecane	34.3		mg/kg	50.0		68.5	40.6-153		

LCS (5070735-BS1)

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

GRO C6-C10	214	10.0	mg/kg	200		107	81.5-123		
DRO >C10-C28	203	10.0	mg/kg	200		101	77.7-122		
Total TPH C6-C28	417	10.0	mg/kg	400		104	80.9-121		
Surrogate: 1-Chlorooctane	44.4		mg/kg	50.0		88.8	44.4-145		
Surrogate: 1-Chlorooctadecane	42.2		mg/kg	50.0		84.3	40.6-153		

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Analytical Results For:

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

Project: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
17-Jul-25 09:47

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
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Batch 5070735 - General Prep - Organics**LCS Dup (5070735-BSD1)**

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

GRO C6-C10	206	10.0	mg/kg	200		103	81.5-123	3.48	13	
DRO >C10-C28	191	10.0	mg/kg	200		95.6	77.7-122	5.94	15.6	
Total TPH C6-C28	398	10.0	mg/kg	400		99.4	80.9-121	4.67	18.5	
Surrogate: 1-Chlorooctane	44.2		mg/kg	50.0		88.4	44.4-145			
Surrogate: 1-Chlorooctadecane	41.1		mg/kg	50.0		82.2	40.6-153			

Batch 5070736 - General Prep - Organics**Blank (5070736-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	40.9		mg/kg	50.0		81.9	44.4-145			
Surrogate: 1-Chlorooctadecane	35.4		mg/kg	50.0		70.9	40.6-153			

LCS (5070736-BS1)

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

GRO C6-C10	217	10.0	mg/kg	200		108	81.5-123			
DRO >C10-C28	211	10.0	mg/kg	200		106	77.7-122			
Total TPH C6-C28	428	10.0	mg/kg	400		107	80.9-121			
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.6	44.4-145			
Surrogate: 1-Chlorooctadecane	43.3		mg/kg	50.0		86.6	40.6-153			

LCS Dup (5070736-BSD1)

Prepared: 07-Jul-25 Analyzed: 08-Jul-25

GRO C6-C10	209	10.0	mg/kg	200		105	81.5-123	3.64	13	
DRO >C10-C28	201	10.0	mg/kg	200		101	77.7-122	4.83	15.6	
Total TPH C6-C28	410	10.0	mg/kg	400		103	80.9-121	4.23	18.5	
Surrogate: 1-Chlorooctane	46.3		mg/kg	50.0		92.6	44.4-145			
Surrogate: 1-Chlorooctadecane	42.1		mg/kg	50.0		84.2	40.6-153			

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental				BILL TO				ANALYSIS REQUEST														
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CHLORIDES</div> </div>														
Address: 1601 N. Turner St., Ste 500				Company: <i>SLUR Energy</i>																		
City: Hobbs State: NM Zip: 88240 <i>SP</i>				Attn: <i>Kathy Curvis</i>																		
Phone #: 575-964-7814 Fax #:				Address:																		
Project #:				City:																		
Project Name: Merak 7 Fed 8 TB <i>Redlake 32</i>				State: Zip:																		
Project Location: <i>Eddy County</i>				Phone #:																		
Sampler Name: <i>Francisco Robledo</i>				Fax #:																		
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING														
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME								
<i>H254023</i>													<i>7/3</i>									
<i>1</i>	<i>S-1 2'</i>	<i>0</i>																				
<i>2</i>	<i>S-2 2'</i>																					
<i>3</i>	<i>S-3 2'</i>																					
<i>4</i>	<i>S-4 2'</i>																					
<i>5</i>	<i>S-5 2'</i>																					
<i>6</i>	<i>S-6 2'</i>																					
<i>7</i>	<i>S-7 2'</i>																					
<i>8</i>	<i>S-8 2'</i>																					
<i>9</i>	<i>S-9 2'</i>																					
<i>10</i>	<i>S-10 2'</i>																					

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Relinquished By:	Date: <i>7-3-25</i>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
<i>FLR</i>	Time: <i>1338</i>	<i>SPedkriuey</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		<i>NAPP2509228439</i>	
Delivered By: (Circle One)	<i>-9.60: cto-3:</i>	Sample Condition	<i>project name corrected per client.</i>	
Sampler - UPS - Bus - Other:	<i>-9.3: #140</i>	Cool Intact	<i>SPedkriuey</i>	
		<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>7-14-25</i>	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental				BILL TO				ANALYSIS REQUEST											
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CHLORIDES</div> </div>											
Address: 1601 N. Turner St., Ste 500				Company: ^u															
City: Hobbs State: NM Zip: 88240				Attn: ⁷															
Phone #: 575-964-7814 Fax #:				Address:															
Project #: Project Owner:				City:															
Project Name: ¹¹				State: Zip:															
Project Location: ¹¹				Phone #:															
Sampler Name: ¹¹				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING										
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
¹¹⁸⁵⁴⁰²³																			
11	5-11	2'												7/3					
12	5-12	2'																	
13	5-13	2'																	
14	5-14	2'																	
15	5-15	2'																	
16	5-16	2'																	
17	5-17	2'																	
18	5-18	2'																	
19	5-19	2'																	
20	5-20	2'																	

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Relinquished By:	Date:	Received By:	Phone Result:	Yes	No	Add'l Phone #:
^{Fr GA}	^{7-3:25}	^{8 Rodriguez}	Fax Result:	Yes	No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:			
	Time:					
Delivered By: (Circle One)	Date:	Sample Condition	CHECKED BY:			
Sampler - UPS - Bus - Other:	Time:	Cool Intact	(Initials)			
^{9.0: CTO-3:}		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	^{8K}			
^{9.3: #140}		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

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

Company Name: Paragon Environmental				BILL TO				ANALYSIS REQUEST																		
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TAN</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CHLORIDES</div> </div>																		
Address: 1601 N. Turner St., Ste 500				Company: "																						
City: Hobbs State: NM Zip: 88240				Attn:																						
Phone #: 575-964-7814 Fax #:				Address:																						
Project #: Project Owner:				City:																						
Project Name: "				State: Zip:																						
Project Location: "				Phone #:																						
Sampler Name: "				Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
1125423													7/3													
21	S-21 2'	✓																								
22	S-22 2'																									
23	S-23 2'																									
24	S-24 2'																									
25	S-25 2'																									
26	S-26 2'																									
27	S-27 2'																									
28	S-28 2'																									
29	S-29 2'																									
30	S-30 2'																									

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Relinquished By:	Date: 7-3-25 Time: 1338	Received By: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	9.10.1403	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:	9.3.140	Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	[Signature]	

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

Company Name: Paragon Environmental				BILL TO				ANALYSIS REQUEST											
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CHLORIDES</div> </div>											
Address: 1601 N. Turner St., Ste 500				Company: 11															
City: Hobbs State: NM Zip: 88240				Attn:															
Phone #: 575-964-7814 Fax #:				Address:															
Project #: Project Owner:				City:															
Project Name: 11				State: Zip:															
Project Location: 11				Phone #:															
Sampler Name: 11				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME					
11254023													7/3						
31	S-31 2'																		
32	S-32 2'																		
33	S-33 4'																		
34	S-34 4'																		
35	S-35 4'																		
36	S-36 4'																		
37	S-37 4'																		
38	S-38 4'																		
39	S-39 4'																		
40	S-40 4'																		

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Relinquished By:	Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
<i>In G.R.</i>	7-3-25	<i>S. Rodriguez</i>	Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
	Time: 1338		REMARKS:		
Relinquished By:	Date:	Received By:			
	Time:				
Delivered By: (Circle One)	Sample Condition	CHECKED BY:			
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)			
	<input type="checkbox"/> Yes <input type="checkbox"/> No	<i>SK</i>			

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

Company Name: Paragon Environmental				BILL TO				ANALYSIS REQUEST											
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CHLORIDES</div> </div>											
Address: 1601 N. Turner St., Ste 500				Company: "															
City: Hobbs State: NM Zip: 88240				Attn:															
Phone #: 575-964-7814 Fax #:				Address:															
Project #: Project Owner:				City:															
Project Name: "				State: Zip:															
Project Location: "				Phone #:															
Sampler Name: "				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME					
H254023													7/3						
41	NSW-1 2'																		
42	ESW-1 2'																		
43	ESW-2 2'																		
44	ESW-3 2'																		
45	SSW-1 2'																		
46	WSSW-1 2'																		
47	WSSW-2 2'																		
48	NSW-2 4'																		
49	NSW-5 4'																		
50	NSW-4 4'																		

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Relinquished By:	Date: 7-3-25 Time: 1338	Received By: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) 9.6.10-3: Sampler - UPS - Bus - Other: -9.3-#140			REMARKS:	
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: [Signature]		

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[illegible]

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Relinquished By:		Date:	Received By:	Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
To G.R.		Time:	Shedrick	Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:		REMARKS:			
		Time:	Received By:				
Delivered By: (Circle One)		Sample Condition		CHECKED BY:			
Sampler - UPS - Bus - Other:		Cool Intact		(Initials)			
9.6:10.3		<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		8/2			

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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: RED LAKE 32 2H 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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 1 2' (H254340-01)

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: 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 77.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.3 % 40.6-153

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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
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 2 2' (H254340-02)

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) 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	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 78.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.6 % 40.6-153

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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
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 3 2' (H254340-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	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 79.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/18/2025
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 4 2' (H254340-04)

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) 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	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 77.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/18/2025
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 6 2' (H254340-05)

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) 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	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 79.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/18/2025
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 8 2' (H254340-06)

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	64.0	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 79.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/18/2025
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW - 3 4' (H254340-07)

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) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/22/2025	ND	464	116	400	3.39		

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 76.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.9 % 40.6-153

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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
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW - 4 4' (H254340-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/22/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/22/2025	ND	464	116	400	3.39		

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 76.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/18/2025
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW - 4 4' (H254340-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/22/2025	ND	464	116	400	3.39		

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	189	94.5	200	4.41	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.4	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.4 % 40.6-153

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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
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW - 5 4' (H254340-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2025	ND	464	116	400	3.39	

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	189	94.5	200	4.41	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.4	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.1 % 40.6-153

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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
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SSW - 2 4' (H254340-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/22/2025	ND	464	116	400	3.39		

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	189	94.5	200	4.41	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.4	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.1 % 40.6-153

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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
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SSW - 3 4' (H254340-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/22/2025	ND	464	116	400	3.39		

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	189	94.5	200	4.41	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.4	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 82.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.7 % 40.6-153

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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
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW - 3 4' (H254340-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	07/22/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/22/2025	ND	464	116	400	3.39		

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	189	94.5	200	4.41	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.4	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.3 % 40.6-153

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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
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW - 4 4' (H254340-14)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/22/2025	ND	2.01	100	2.00	11.8		
Toluene*	<0.050	0.050	07/22/2025	ND	2.08	104	2.00	7.56		
Ethylbenzene*	<0.050	0.050	07/22/2025	ND	2.06	103	2.00	5.42		
Total Xylenes*	<0.150	0.150	07/22/2025	ND	6.05	101	6.00	5.32		
Total BTX	<0.300	0.300	07/22/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2025	ND	464	116	400	3.39		

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	189	94.5	200	4.41	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.4	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.5 % 40.6-153

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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
Reported: 07/24/2025
Project Name: RED LAKE 32 2H TB
Project Number: SPUR
Project Location: EDDY COUNTY

Sampling Date: 07/18/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW - 5 4' (H254340-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/22/2025	ND	2.01	100	2.00	11.8		
Toluene*	<0.050	0.050	07/22/2025	ND	2.08	104	2.00	7.56		
Ethylbenzene*	<0.050	0.050	07/22/2025	ND	2.06	103	2.00	5.42		
Total Xylenes*	<0.150	0.150	07/22/2025	ND	6.05	101	6.00	5.32		
Total BTEx	<0.300	0.300	07/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/22/2025	ND	464	116	400	3.39		

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	189	94.5	200	4.41	
DRO >C10-C28*	<10.0	10.0	07/21/2025	ND	193	96.4	200	3.71	
EXT DRO >C28-C36	<10.0	10.0	07/21/2025	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153

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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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental				BILL TO				ANALYSIS REQUEST																		
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CHLORIDES</div> </div>																		
Address: 1601 N. Turner St., Ste 500				Company: <i>SPOR BUSY</i>																						
City: Hobbs State: NM Zip: 88240				Attn: <i>Kathy Pinner</i>																						
Phone #: 575-964-7814 Fax #:				Address:																						
Project #: Project Owner:				City:																						
Project Name: <i>Red Lake 32 2H TB</i>				State: Zip:																						
Project Location: <i>Eddy County</i>				Phone #:																						
Sampler Name: <i>Francisco Robledo</i>				Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
<i>HBSU340</i>																										
<i>1</i>	<i>S-1 2'</i>	<i>5</i>											<i>7/18</i>													
<i>2</i>	<i>S-2 2'</i>																									
<i>3</i>	<i>S-3 2'</i>																									
<i>4</i>	<i>S-4 2'</i>																									
<i>5</i>	<i>S-6 2'</i>																									
<i>6</i>	<i>S-8 2'</i>																									
<i>7</i>	<i>NSW-3 4'</i>																									
<i>8</i>	<i>NSW-4 4'</i>																									
<i>9</i>	<i>ESW-4 4'</i>																									
<i>10</i>	<i>ESW-5 4'</i>																									

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Relinquished By:	Date: <i>7-18-25</i>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
<i>For G R</i>	Time: <i>1508</i>	<i>Apurua</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		<i>NAAPP2509728439</i>	
Delivered By: (Circle One)	<i>4-21- / 4030</i>	Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:	<i>4-7- / #140</i>	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Initials) <i>PA</i>	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental				BILL TO				ANALYSIS REQUEST																		
Project Manager: Chris Jones				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CHLORIDES</div> </div>																		
Address: 1601 N. Turner St., Ste 500				Company: <i>ff</i>																						
City: Hobbs State: NM Zip: 88240				Attn: <i>ff</i>																						
Phone #: 575-964-7814 Fax #:				Address:																						
Project #: Project Owner:				City:																						
Project Name: <i>ff</i>				State: Zip:																						
Project Location: <i>ff</i>				Phone #:																						
Sampler Name: <i>ff</i>				Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																		
Lab I.D.	Sample I.D.	(GRAB OR C/COMP)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
<i>NAS434</i>																										
<i>11</i>	<i>SSW-2 4'</i>	<i>C</i>											<i>7/18</i>													
<i>12</i>	<i>SSW-3 4'</i>																									
<i>13</i>	<i>WSW-3 4'</i>																									
<i>14</i>	<i>WSW-4 4'</i>																									
<i>15</i>	<i>WSW-5 4'</i>																									

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Relinquished By: <i>[Signature]</i>		Date: <i>7-18-25</i>		Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: <i>1508</i>				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
		Time:							
Delivered By: (Circle One)				Sample Condition		CHECKED BY:			
Sampler - UPS - Bus - Other: <i>4-46 / 403- / 4-70 / #140</i>				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		(Initials) <i>AP</i>			



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: RED LAKE 32 2H

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/14/2025
Reported: 08/20/2025
Project Name: RED LAKE 32 2H
Project Number: NOT GIVEN
Project Location: SPUR-EDDY CO

Sampling Date: 08/11/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BACKFILL - 1 (H255059-01)

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	32.0	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 80.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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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

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

Celey D. Keene, Lab Director/Quality Manager



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Relinquished By: <i>F for</i> Relinquished By: _____ Date: <i>8-14-25</i> Time: <i>1550</i> Relinquished By: _____ Date: _____ Time: _____		Received By: <i>Adams</i> Received By: _____ Date: _____ Time: _____		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 #: _____ REMARKS: <i>NAPP 2509728439</i>	
Delivered By: (Circle One) <i>4.3i / 403i</i> Sampler - UPS - Bus - Other: <i>4.6i / #140</i>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>AP</i>	

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1220 S. St Francis Dr.
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QUESTIONS

Action 521054

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 521054
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509728439
Incident Name	NAPP2509728439 RED LAKE 32 STATE 2H @ 30-015-44948
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-44948] RED LAKE 32 STATE #002H

Location of Release Source

Please answer all the questions in this group.

Site Name	RED LAKE 32 STATE 2H
Date Release Discovered	04/03/2025
Surface Owner	State

Incident Details

Please answer all the questions in this group.

Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Well Crude Oil Released: 2 BBL Recovered: 1 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Well Produced Water Released: 22 BBL Recovered: 21 BBL Lost: 1 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)	PACKING FAILED ON THE WELLHEAD RELEASING AN OIL AND PW MIX ON TO THE LOCATION PAD

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QUESTIONS, Page 2

Action 521054

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 521054
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	N/A

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: katherine.purvis@spurenergy.com Date: 10/29/2025
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QUESTIONS, Page 3

Action 521054

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 521054
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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 ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1570
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	350.6
GRO+DRO (EPA SW-846 Method 8015M)	285
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	05/27/2025
On what date will (or did) the final sampling or liner inspection occur	07/18/2025
On what date will (or was) the remediation complete(d)	07/30/2025
What is the estimated surface area (in square feet) that will be reclaimed	7800
What is the estimated volume (in cubic yards) that will be reclaimed	736
What is the estimated surface area (in square feet) that will be remediated	7800
What is the estimated volume (in cubic yards) that will be remediated	736
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 521054

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 521054
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 10/29/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 521054

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 521054
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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Action 521054

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 521054
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	492822
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/11/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	7800
What was the total volume (cubic yards) remediated	736
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	7800
What was the total volume (in cubic yards) reclaimed	736
Summarize any additional remediation activities not included by answers (above)	SOIL CONTAMINANTS WERE REMOVED IN ACCORDANCE WITH THE MOST STRINGENT STANDARDS SET FORTH BY NMOCD
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 10/29/2025

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Action 521054

QUESTIONS (continued)

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	Action Number: 521054
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 521054

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 521054
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation closure report approved, release resolved. Significant watercourse and riverine wetlands are both 300-500 feet from the closest edge of the release. Lab Chain-of-Custody Record (COCR) is a legally binding document and must be furnished with completed information [e.g. time sample(s) collected]. In all the future submittals, Spur must list all site characterization distances accurately and complete lab COCR completely.	12/23/2025