



July 26, 2023

NMOCD District 2
Mr. Mike Bratcher
Artesia, NM 88210

Re: Site Assessment and Closure Report
Rose 3H Battery
API No. 30-015-45114
GPS: Latitude 32.68033 Longitude -104.42802
UL "D", Sec. 07, T19S, R26E
Eddy County, NM
NMOCD Ref. No. NAPP2220143976

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment and remediation activities for the Release Site known as the Rose 3H Battery (Rose). Details of the release are summarized below:

Release Details			
Type of Release:	Produced Water	Volume of Release:	15 bbls
		Volume Recovered:	0 bbls
Source of Release:	Gasket Corrosion	Date of Release:	07/17/22
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	Mike Bratcher, NMOCD
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	State	Mineral Owner:	
A gasket on the circulating pump corroded resulting in the release.			

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

REGULATORY FRAMEWORK

Surface impacts from unauthorized releases of any 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:

Site Characteristics	
Approximate Depth to Groundwater	50'
Within 330 ft. of any continuously flowing or significant watercourse?	NO
Within 200 ft. of any lakebed, sinkhole, or playa lake?	NO
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	NO
Within 500 ft. of a spring, or private, domestic fresh water well?	NO
Within 1000 ft. of any fresh water well?	NO
Within the incorporated municipal boundaries or within a municipal well field?	NO
Within 300 ft. of a wetland?	NO
Within the area overlying a subsurface mine?	NO
Within an unstable area such as Karst?	NO
Within a 100-year floodplain?	NO

A search of the groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average groundwater depth within one (1) Mile radius of the Release Site and identify any registered water wells within ½ Mile of the Release Site. The data initially found on the State Engineers website showed there was NO water data within a ½ mile radius. With this being the case, we cleaned it up to the most stringent criteria.

Depth to groundwater information is provided in Appendix A.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation- and is made up of Piedmont alluvial deposits. It includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. It may locally include uppermost Pliocene deposits (QP). The soil in this area is made up of Pima Silt Loam, with 0 to 1 percent slopes, and Reagan-Upton Association, with 0 to 9 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are both well-drained. There is NOT a high potential for karst geology to be present around the Rose (Figure #3).

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

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

INITIAL SITE ASSESSMENT & SOIL SAMPLING EVENT

On August 19, 2022, Paragon conducted an initial site assessment. Mild surface stains were still present and obtained inside the spill path. During this site assessment, seven (7) soil samples were collected to determine the impact of the spill. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A table summarizing laboratory analytical results from soil samples collected during the above-stated activities is provided below:

8-19-22 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 50')								
Sample Date: 8-19-22		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S-1	0-6"	ND	ND	ND	ND	ND	ND	3160
	1'	ND	ND	ND	ND	ND	ND	1680
S-2	0-6"	ND	ND	ND	189	58	247	5160
	1'	ND	ND	ND	ND	ND	ND	2280
	2'	ND	ND	ND	ND	ND	ND	816
S-3	0-6"	ND	ND	ND	ND	ND	ND	656
	1'	ND	ND	ND	ND	ND	ND	464
	2'	ND	ND	ND	ND	ND	ND	208
	3'	ND	ND	ND	ND	ND	ND	400
S-4	0-6"	ND	ND	ND	ND	ND	ND	1040
	1'	ND	ND	ND	ND	ND	ND	736
	2'	ND	ND	ND	ND	ND	ND	96
S-5	0-6"	ND	ND	ND	ND	ND	ND	64
	1'	ND	ND	ND	ND	ND	ND	64
	2'	ND	ND	ND	ND	ND	ND	48
S-6	0-6"	ND	ND	ND	ND	ND	ND	32
	1'	ND	ND	ND	ND	ND	ND	80
S-7	0-6"	ND	ND	ND	ND	ND	ND	64

ND-Analyte Not Detected

Laboratory analytical reports are provided in Appendix D. A Site Map is provided in Figure 1.

REMEDIATION ACTIVITIES

Initially, we used the water data that was $\frac{3}{4}$ mile away and submitted closure based on 100 feet DGW. The NMOCD denied closure based on insufficient water data. Since this incident happened, two additional spills occurred inside this battery that took the same pathway. We remediated this area by excavating 4-feet BGS inside the battery in the areas of S-1 to S-4. Confirmation bottom and sidewall samples were obtained.

The results of this sampling event are in the following data table.

6-26-23 Confirmation Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')							
Sample Date 6-26-23	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S - 1 4'	ND	ND	ND	ND	ND	0	720
S - 2 4'	ND	ND	ND	ND	ND	0	336
S - 3 4'	ND	ND	ND	ND	ND	0	336
S - 4 4'	ND	ND	ND	ND	ND	0	192
S - 5 4'	ND	ND	ND	ND	ND	0	656
S - 6 4'	ND	ND	ND	ND	ND	0	144
S - 7 4'	ND	ND	ND	ND	ND	0	336
S - 8 4'	ND	ND	ND	ND	ND	0	160
S - 9 4'	ND	ND	ND	ND	ND	0	192
S - 10 4'	ND	ND	ND	ND	ND	0	112
S - 11 4'	ND	ND	ND	15.3	ND	15.3	96
S - 12 4'	ND	ND	ND	ND	ND	0	160
S - 13 4'	ND	ND	ND	ND	ND	0	256
ESW - 1 4'	ND	ND	ND	ND	ND	0	864
ESW - 2 4'	ND	ND	ND	ND	ND	0	192
ESW - 3 4'	ND	ND	ND	ND	ND	0	176
ESW - 4 4'	ND	ND	ND	ND	ND	0	112
NSW - 1 4'	ND	ND	ND	ND	ND	0	496
NSW - 2 4'	ND	ND	ND	ND	ND	0	112
NSW - 3 4'	ND	ND	ND	ND	ND	0	288
NSW - 4 4'	ND	ND	ND	ND	ND	0	96
SSW - 1 4'	ND	ND	ND	ND	ND	0	320
SSW - 2 4'	ND	ND	ND	ND	ND	0	80
SSW - 3 4'	ND	ND	ND	ND	ND	0	432
SSW - 4 4'	ND	ND	ND	ND	ND	0	448
WSW - 1 4'	ND	ND	ND	ND	ND	0	352
WSW - 2 4'	ND	ND	ND	ND	ND	0	752
WSW - 3 4'	ND	ND	ND	ND	ND	0	128
WSW - 4 4'	ND	ND	ND	ND	ND	0	144

ND- Analyte Not Detected

These laboratory analytical results showed that the soil sample concentrations were not below NMOCD Closure Criteria in the areas of S-1, ESW-1, and WSW-2. We went back to the site to further our excavation. We removed an additional foot horizontally from the sidewalls of ESW-1, and WSW-2, and we removed several inches off the bottom of S-1 until our field titrations reached clean levels. We utilized 5-point bottom composite sampling and sidewall composite sampling, where each sample was representative of no more than 200 sq/ft. The results of this sampling event are in the following data table.

6-28-23 Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')							
Sample Date 6-28-23	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S - 1 4'	--	--	--	--	--	0	64
S - 2 4'	--	--	--	--	--	0	160
S - 3 4'	--	--	--	--	--	0	128
ESW - 1 4'	--	--	--	--	--	0	128
WSW - 2 4'	--	--	--	--	--	0	144

-- Analyte Not Tested

These laboratory analytical results showed that the confirmation soil samples indicated concentrations below NMOCD Closure Criteria. The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. The excavated areas were backfilled with "like" material obtained from a localized sand pit. The affected area was then contoured and machine compacted to match the surrounding grade.

CLOSURE REQUEST

After careful review, Paragon requests that this incident, NAPP2220143976, 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 Chris Jones by phone at (575)631-6977 or email at chris@paragonenvironmental.net

Respectfully,



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

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

Appendices:

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



Figures:

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

Spur Energy Partners

Rose 3H Battery
API# 30-015-45114
Eddy County, NM
Site Map

Legend

- Samples

Rose North G1B 32.6802,-104.4277

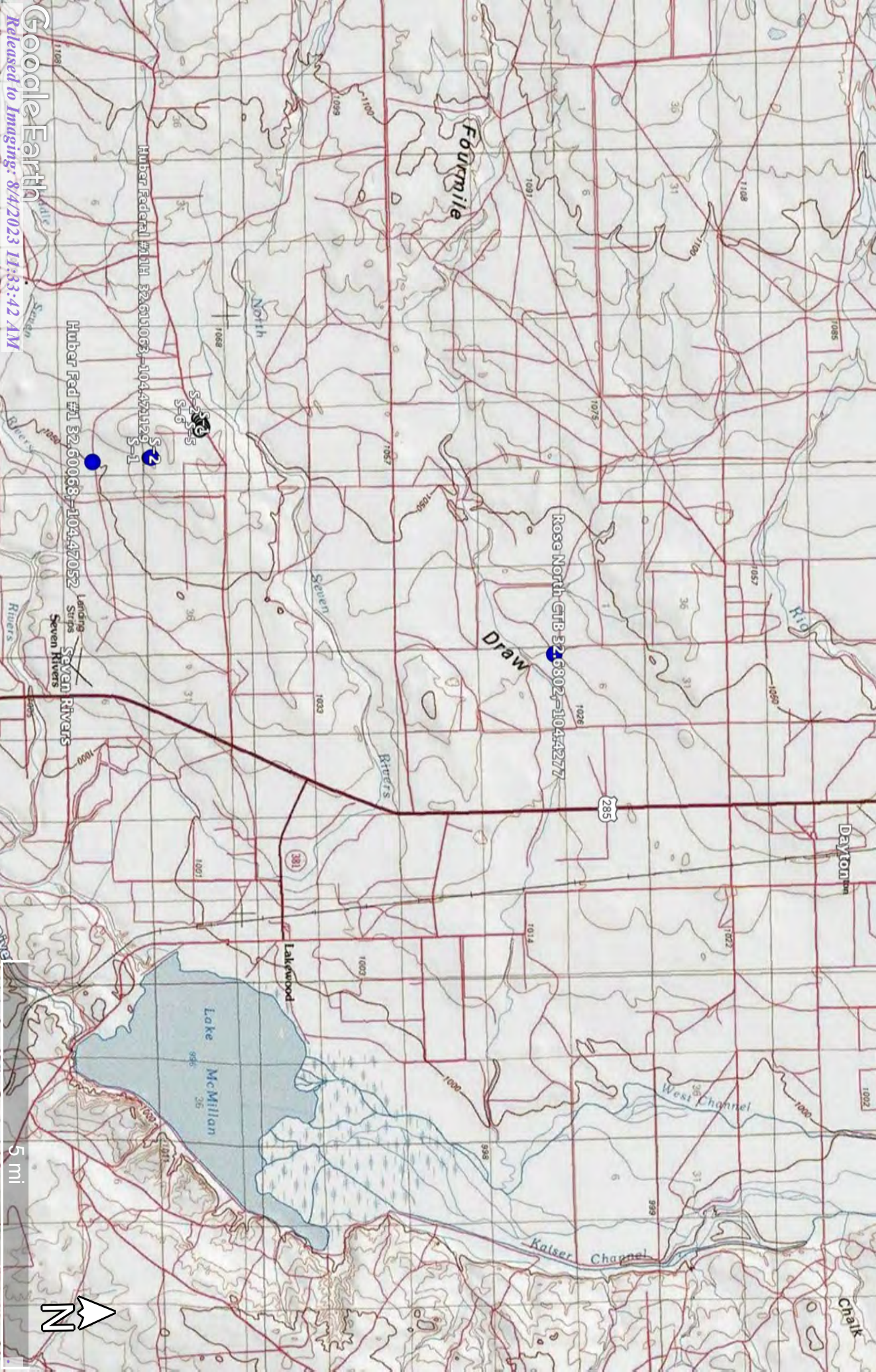


200 ft



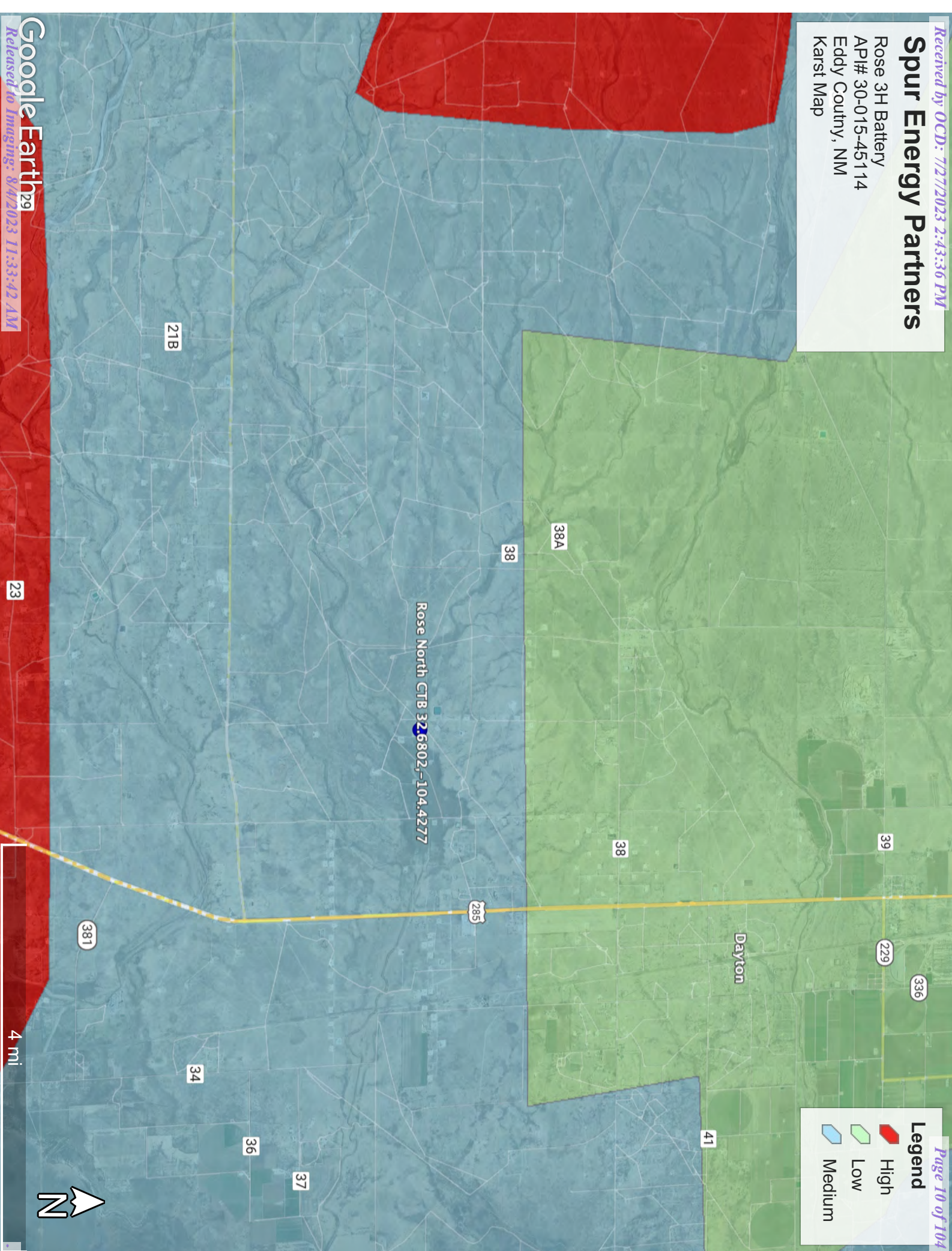
Spur Energy Partners

Rose 3H Battery
API# 30-015-45114
Eddy County, NM
Topo Map



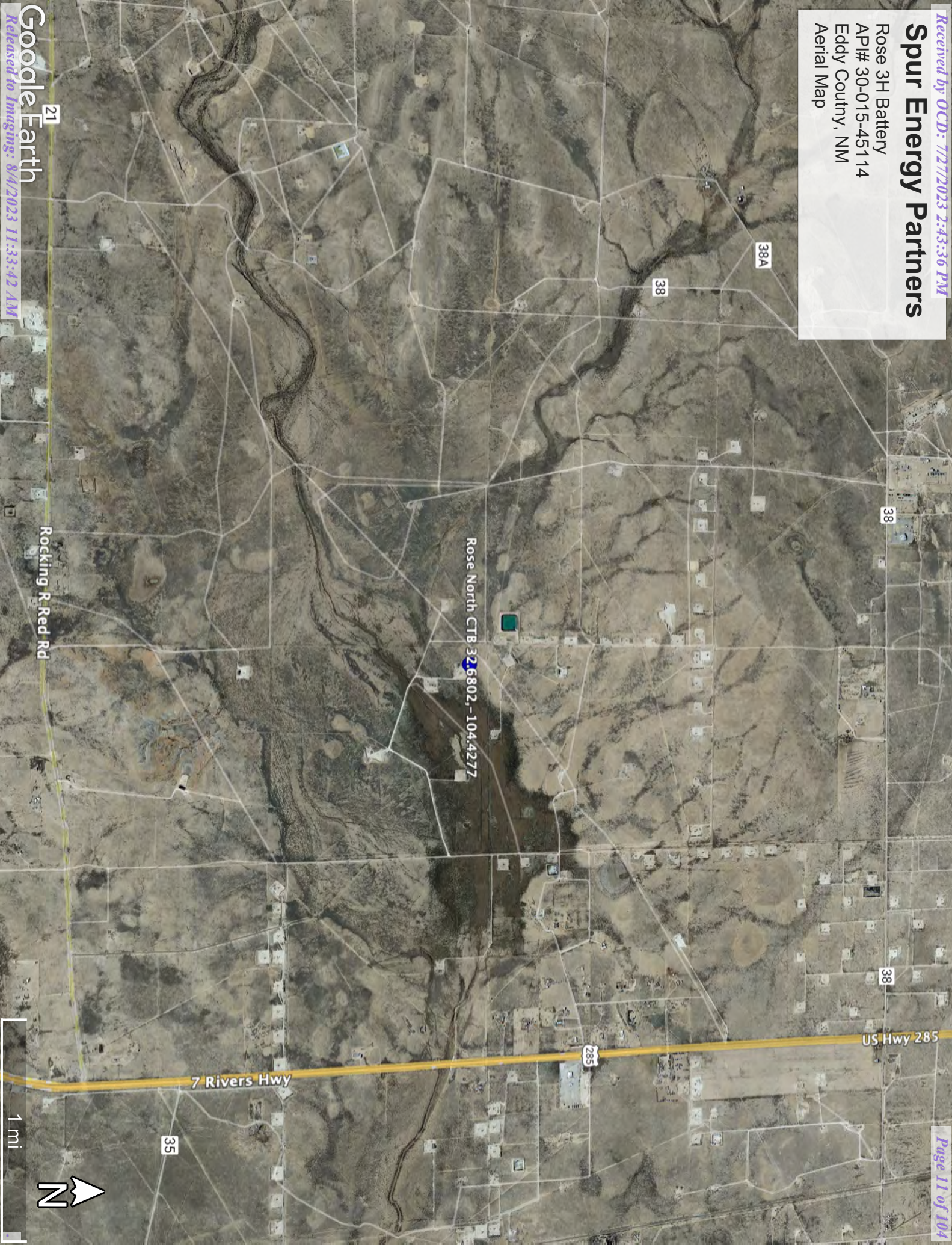
Spur Energy Partners

Rose 3H Battery
API# 30-015-45114
Eddy County, NM
Karst Map



Spur Energy Partners

Rose 3H Battery
API# 30-015-45114
Eddy County, NM
Aerial Map



Spur Energy Partners

Rose North CTB
API # N/A
Eddy County, NM
Confirmation Sample Map

Legend

- Rose North CTB 32.6802,-104.4277
- sq/ft

Rose North CTB 32.6802,-104.4277





Appendix A
Referenced Water Data:

New Mexico State of Engineers Office



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	Code	Sub-basin	Q Q Q			Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
			1	2	3									
RA 03983	RA	CH	4	3	01	19S	25E	552457	3616444*		1302	375	100	275
RA 01343	RA	ED	2	1	18	19S	26E	553777	3614525*		1490	440	69	371

Average Depth to Water: 84 feet

Minimum Depth: 69 feet

Maximum Depth: 100 feet

Record Count: 2

UTM NAD83 Radius Search (in meters):

Easting (X): 553686

Northing (Y): 3616012.453

Radius: 1600

*UTM location was derived from PLSS - see Help

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

7/11/23 5:00 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Appendix B
Soil Survey:

U.S.D.A.
FEMA Flood Map

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

Eddy Area, New Mexico

PM—Pima silt loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w56

Elevation: 600 to 4,200 feet

Mean annual precipitation: 8 to 25 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 195 to 290 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Pima and similar soils: 98 percent

Minor components: 2 percent

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

Description of Pima

Setting

Landform: Flood plains, alluvial flats, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear, convex

Parent material: Alluvium

Typical profile

H1 - 0 to 3 inches: silt loam

H2 - 3 to 60 inches: silty clay loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high (0.20 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: RareNone

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: High (about 11.9 inches)

Interpretive groups

Land capability classification (irrigated): 1

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R070BC017NM - Bottomland

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

Hydric soil rating: No

Minor Components

Reagan

Percent of map unit: 1 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Dev

Percent of map unit: 1 percent

Ecological site: R070BC017NM - Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022



Map Unit Description: Reagan-Upton association, 0 to 9 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

RE—Reagan-Upton association, 0 to 9 percent slopes

Map Unit Setting

National map unit symbol: 1w5d

Elevation: 1,100 to 5,400 feet

Mean annual precipitation: 6 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 180 to 240 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 70 percent

Upton and similar soils: 25 percent

Minor components: 5 percent

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

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam

H2 - 8 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

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

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

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

Sodium adsorption ratio, maximum: 1.0

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

Interpretive groups

Land capability classification (irrigated): 2e

Land capability classification (nonirrigated): 6e

Map Unit Description: Reagan-Upton association, 0 to 9 percent slopes---Eddy Area, New Mexico

Hydrologic Soil Group: B
Ecological site: R042CY153NM - Loamy
Hydric soil rating: No

Description of Upton

Setting

Landform: Ridges, fans
Landform position (three-dimensional): Side slope, rise
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented
H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R042CY159NM - Shallow Loamy
Hydric soil rating: No

Minor Components

Atoka

Percent of map unit: 3 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Pima

Percent of map unit: 2 percent
Ecological site: R070BC017NM - Bottomland

Map Unit Description: Reagan-Upton association, 0 to 9 percent slopes---Eddy Area, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022

104°25'57"W 32°41'5"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

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

Area with Reduced Flood Risk due to

Levee. See Notes. Zone X

OTHER AREAS OF FLOOD HAZARD










 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

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

OTHER FEATURES

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 **7/14/2023 at 7:02 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 unmortgaged areas cannot be used for regulatory purposes.



Appendix C:

C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NAPP2220143976
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Spur Energy Partners, LLC	OGRID	328947
Contact Name	Chad Hensley	Contact Telephone	(346) 339-1494
Contact email	chensley@spurenergy.com	Incident # (assigned by OCD)	NAPP2220143976
Contact mailing address	9655 Katy Freeway, Suite 500, Houston, TX 77024		

Location of Release Source

Latitude 32.68033 Longitude -104.42802
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Rose 3H Battery	Site Type	Oil
Date Release Discovered	07/17/2022	API# (if applicable)	30-015-45114

Unit Letter	Section	Township	Range	County
D	07	19S	26E	Eddy

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 15 bbls	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release


Corrosion around gasket

Incident ID	NAPP2220143976
District RP	
Facility ID	
Application ID	

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

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Chad Hensley</u>	Title: <u>EHS Coordinator</u>
Signature: <u></u>	Date: <u>07/20/2022</u>
email: <u>chensley@spurenergy.com</u>	Telephone: <u>(346) 339-1494</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>07/26/2022</u>

Incident ID	nAPP2220143976
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>50</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2220143976
District RP	
Facility ID	
Application ID	

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

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 7/27/23

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD Only

Received by: Shelly Wells

Date: 7/28/2023

Incident ID	nAPP2220143976
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 7/27/23

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD OnlyReceived by: Shelly Wells Date: 7/28/2023☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____

Date: _____

Incident ID	nAPP2220143976
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 7/27/23

email: katherine.purvis@spurenergy.com

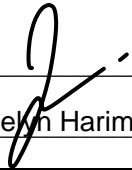
Telephone: 575-441-8619

OCD Only

Received by: Shelly Wells

Date: 7/28/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 08/04/2023

Printed Name: Jocelyn Harimon

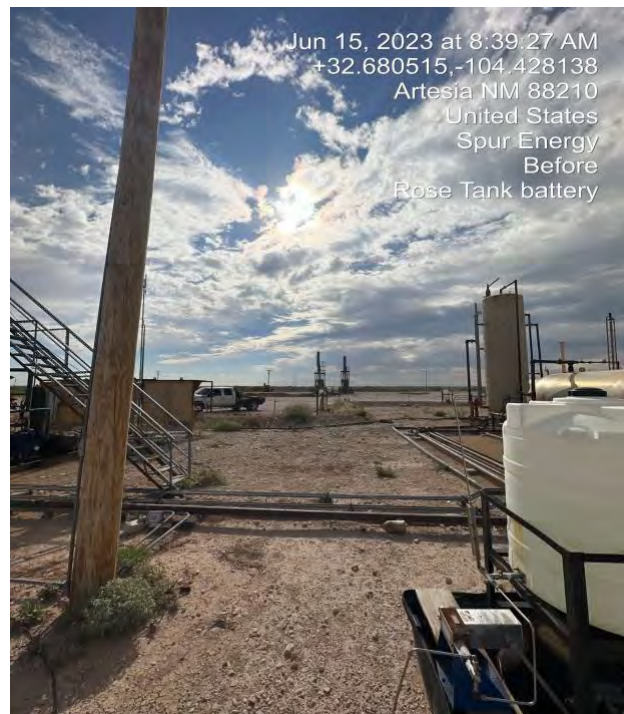
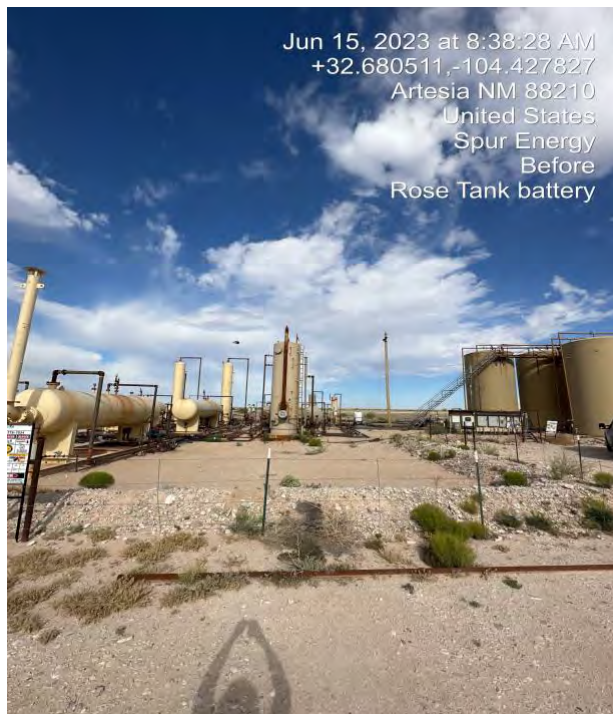
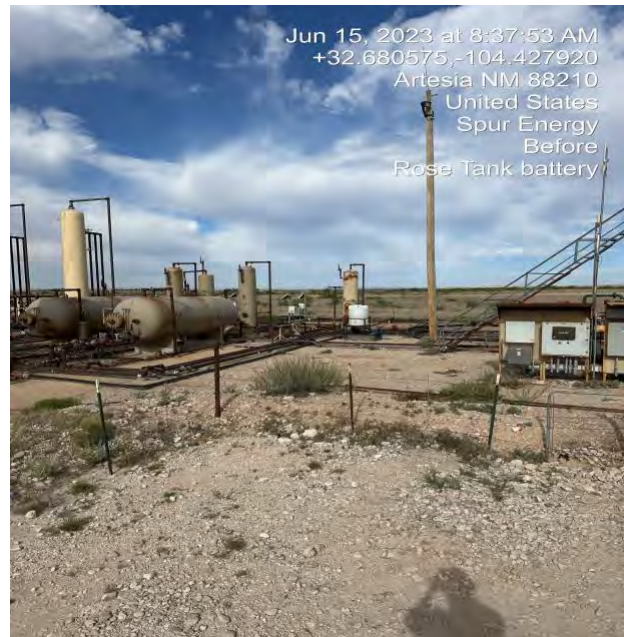
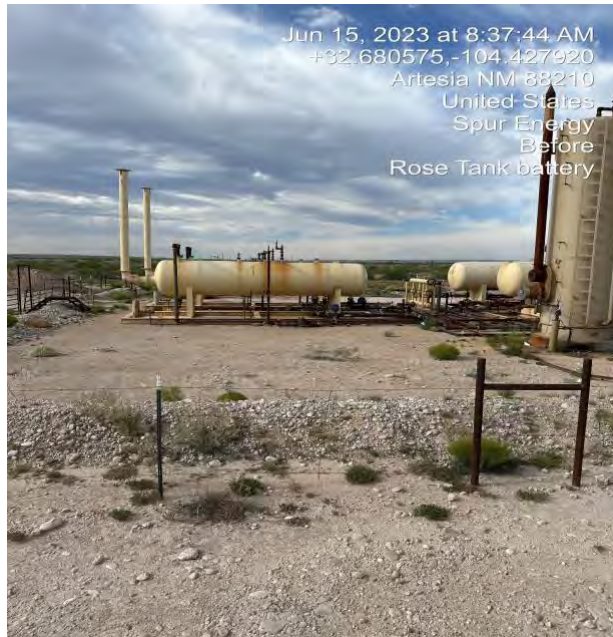
Title: Environmental Specialist



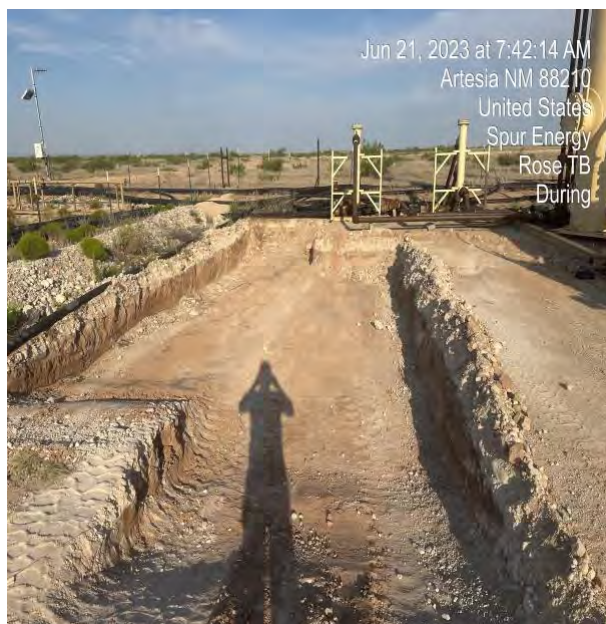
Appendix D:
Photographic Documentation

Photographic Documentation

Before Remediation



During Remediation



Post Remediation





Appendix E:
Laboratory Results



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

August 23, 2022

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: ROSE CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/22/22 8:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 0-6" (H223829-01)

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	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.2 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 1' (H223829-02)

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	08/22/2022	ND	2.09	104	2.00	8.16	
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54	
Total BTEx	<0.300	0.300	08/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 0-6" (H223829-03)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5160	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	189	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	58.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 1' (H223829-04)

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	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 2' (H223829-05)

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	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTX	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 0-6" (H223829-06)

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	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTX	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	08/23/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 1' (H223829-07)

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	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 2' (H223829-08)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 3' (H223829-09)

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	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/23/2022	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 0-6" (H223829-10)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2022	ND	2.09	104	2.00	8.16	
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54	
Total BTX	<0.300	0.300	08/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1040	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 1' (H223829-11)

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	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 90.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 2' (H223829-12)

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	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 5 0-6" (H223829-13)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2022	ND	195	97.3	200	0.197	
DRO >C10-C28*	<10.0	10.0	08/22/2022	ND	204	102	200	0.317	
EXT DRO >C28-C36	<10.0	10.0	08/22/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 5 1' (H223829-14)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	194	97.0	200	1.26	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	182	90.8	200	0.662	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 75.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.4 % 46.3-178

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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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 5 2' (H223829-15)

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	08/22/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/22/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/22/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/22/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	194	97.0	200	1.26	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	182	90.8	200	0.662	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 6 0-6" (H223829-16)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.26	104	6.00	8.54		
Total BTEx	<0.300	0.300	08/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	194	97.0	200	1.26	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	182	90.8	200	0.662	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 76.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 6 1' (H223829-17)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/23/2022	ND	2.09	104	2.00	8.16		
Toluene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	8.78		
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	8.72		
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.26	104	6.00	8.54		
Total BTX	<0.300	0.300	08/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	194	97.0	200	1.26	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	182	90.8	200	0.662	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.3 % 46.3-178

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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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 08/22/2022
Reported: 08/23/2022
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 08/19/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 7 0-6" (H223829-18)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/23/2022	ND	2.09	104	2.00	8.16	
Toluene*	<0.050	0.050	08/23/2022	ND	2.06	103	2.00	8.78	
Ethylbenzene*	<0.050	0.050	08/23/2022	ND	2.02	101	2.00	8.72	
Total Xylenes*	<0.150	0.150	08/23/2022	ND	6.26	104	6.00	8.54	
Total BTX	<0.300	0.300	08/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/23/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2022	ND	194	97.0	200	1.26	
DRO >C10-C28*	<10.0	10.0	08/23/2022	ND	182	90.8	200	0.662	
EXT DRO >C28-C36	<10.0	10.0	08/23/2022	ND					

Surrogate: 1-Chlorooctane 70.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 69.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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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", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

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



2 of 2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

BILL TO

ANALYSIS REQUEST

Project Manager: Chris Jones

P.O. #:

Address: 225 Billy Walker Rd

Company: Spur

City: Hobbs

State: NM Zip: 88240

Attn: Brady Walder

Phone #: (575)631-6977

Fax #:

Address:

Project #:

Project Owner: Spur

City:

Project Name: Rose CTB

State:

Zip:

Project Location: 32.180200, -104.429900

Phone #:

Sample Name: 2 evening samples

Fax #:

FOR USE ONLY

Lab I.D.

Sample I.D.

4023829

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
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Relinquished By:

Date: 8/2/23

Received By: Stakeholders

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Remarks:

Relinquished By:

Date: 8/2/23

Received By: Stakeholders

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

Remarks:

Delivered By: (Circle One) 4-2-C-O-L-E

Sample Condition

Cool ☐ Intact ☐

Checked By: (Initials)

Sample - UPS - Bus - Other: 3-0-C-#113

Cool ☐ Intact ☐

Checked By: (Initials)

Sample - UPS - Bus - Other: 3-0-C-#113

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

June 28, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: ROSE CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/26/23 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 1 4'	H233304-01	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 2 4'	H233304-02	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 3 4'	H233304-03	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 4 4'	H233304-04	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 5 4'	H233304-05	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 6 4'	H233304-06	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 7 4'	H233304-07	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 8 4'	H233304-08	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 9 4'	H233304-09	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 10 4'	H233304-10	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 11 4'	H233304-11	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 12 4'	H233304-12	Soil	26-Jun-23 00:00	26-Jun-23 16:40
S - 13 4'	H233304-13	Soil	26-Jun-23 00:00	26-Jun-23 16:40
SSW - 1 4'	H233304-14	Soil	26-Jun-23 00:00	26-Jun-23 16:40
SSW - 2 4'	H233304-15	Soil	26-Jun-23 00:00	26-Jun-23 16:40
SSW - 3 4'	H233304-16	Soil	26-Jun-23 00:00	26-Jun-23 16:40
SSW - 4 4'	H233304-17	Soil	26-Jun-23 00:00	26-Jun-23 16:40
ESW - 1 4'	H233304-18	Soil	26-Jun-23 00:00	26-Jun-23 16:40
ESW - 2 4'	H233304-19	Soil	26-Jun-23 00:00	26-Jun-23 16:40
ESW - 3 4'	H233304-20	Soil	26-Jun-23 00:00	26-Jun-23 16:40
ESW - 4 4'	H233304-21	Soil	26-Jun-23 00:00	26-Jun-23 16:40
NSW - 1 4'	H233304-22	Soil	26-Jun-23 00:00	26-Jun-23 16:40
NSW - 2 4'	H233304-23	Soil	26-Jun-23 00:00	26-Jun-23 16:40
NSW - 3 4'	H233304-24	Soil	26-Jun-23 00:00	26-Jun-23 16:40
NSW - 4 4'	H233304-25	Soil	26-Jun-23 00:00	26-Jun-23 16:40
WSW - 1 4'	H233304-26	Soil	26-Jun-23 00:00	26-Jun-23 16:40
WSW - 2 4'	H233304-27	Soil	26-Jun-23 00:00	26-Jun-23 16:40

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

WSW - 3 4'	H233304-28	Soil	26-Jun-23 00:00	26-Jun-23 16:40
WSW - 4 4'	H233304-29	Soil	26-Jun-23 00:00	26-Jun-23 16:40

06/28/23 - Wrong project name was logged in for the work order. This is the revised report with the corrected project name and will replace the report sent on 06/27/23.

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 1 4'
H233304-01 (Soil)

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

Chloride	720		16.0	mg/kg	4	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134 3062701 MS 27-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane 97.9 % 48.2-134 3062704 MS 27-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 107 % 49.1-148 3062704 MS 27-Jun-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 2 4'

H233304-02 (Soil)

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

Chloride	336		16.0	mg/kg	4	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3062701	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			101 %		48.2-134	3062704	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			110 %		49.1-148	3062704	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 3 4'**H233304-03 (Soil)**

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

Chloride	336		16.0	mg/kg	4	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3062701	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			93.3 %		48.2-134	3062704	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			99.7 %		49.1-148	3062704	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 4 4'

H233304-04 (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	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3062701	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			107 %	48.2-134		3062704	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			118 %	49.1-148		3062704	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 5 4'**H233304-05 (Soil)**

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

Chloride	656		16.0	mg/kg	4	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		3062701	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			110 %	48.2-134		3062704	MS	27-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			118 %	49.1-148		3062704	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 6 4'**H233304-06 (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	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3062701	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			89.7 %	48.2-134		3062704	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			97.2 %	49.1-148		3062704	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 7 4'

H233304-07 (Soil)

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

Chloride	336		16.0	mg/kg	4	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3062701	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			94.4 %		48.2-134	3062704	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			101 %		49.1-148	3062704	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 8 4'
H233304-08 (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	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3062701	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062704	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			104 %		48.2-134	3062704	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			110 %		49.1-148	3062704	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 9 4'**H233304-09 (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	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	104 %	71.5-134	3062701	MS	27-Jun-23	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B

Surrogate: 1-Chlorooctane	112 %	48.2-134	3062707	MS	27-Jun-23	8015B
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Surrogate: 1-Chlorooctadecane	122 %	49.1-148	3062707	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 10 4'
H233304-10 (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	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3062701	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			113 %	48.2-134		3062707	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			124 %	49.1-148		3062707	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 11 4'
H233304-11 (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	3062711	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3062701	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
DRO >C10-C28*	15.3		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			100 %	48.2-134		3062707	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			112 %	49.1-148		3062707	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 12 4'
H233304-12 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062701	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062701	MS	27-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3062701	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			106 %	48.2-134		3062707	MS	27-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			116 %	49.1-148		3062707	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

S - 13 4'
H233304-13 (Soil)

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

Chloride	256		16.0	mg/kg	4	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	QM-07
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	QM-07
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134 3062702 MS 27-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane 97.8 % 48.2-134 3062707 MS 27-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 106 % 49.1-148 3062707 MS 27-Jun-23 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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

SSW - 1 4'
H233304-14 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		3062702	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			98.0 %	48.2-134		3062707	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			107 %	49.1-148		3062707	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

SSW - 2 4'
H233304-15 (Soil)

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

Chloride	80.0		16.0	mg/kg	4	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134 3062702 MS 27-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane 101 % 48.2-134 3062707 MS 27-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 109 % 49.1-148 3062707 MS 27-Jun-23 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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

SSW - 3 4'
H233304-16 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %		71.5-134	3062702	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062707	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			96.1 %		48.2-134	3062707	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			106 %		49.1-148	3062707	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

SSW - 4 4'
H233304-17 (Soil)

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

Chloride	448		16.0	mg/kg	4	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		3062702	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			117 %	48.2-134		3062708	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			114 %	49.1-148		3062708	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

ESW - 1 4'
H233304-18 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		3062702	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			114 %	48.2-134		3062708	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			109 %	49.1-148		3062708	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

ESW - 2 4'
H233304-19 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5-134		3062702	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			120 %	48.2-134		3062708	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			116 %	49.1-148		3062708	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

ESW - 3 4'
H233304-20 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134 3062702 MS 27-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane 124 % 48.2-134 3062708 MS 27-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 118 % 49.1-148 3062708 MS 27-Jun-23 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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

ESW - 4 4'
H233304-21 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		3062702	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			110 %	48.2-134		3062708	MS	27-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			108 %	49.1-148		3062708	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

NSW - 1 4'
H233304-22 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134 3062702 MS 27-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane 109 % 48.2-134 3062708 MS 27-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 107 % 49.1-148 3062708 MS 27-Jun-23 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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

NSW - 2 4'
H233304-23 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		3062702	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			117 %	48.2-134		3062708	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			114 %	49.1-148		3062708	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

NSW - 3 4'
H233304-24 (Soil)

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

Chloride	288		16.0	mg/kg	4	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062702	MS	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062702	MS	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		71.5-134	3062702	MS	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062708	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			122 %		48.2-134	3062708	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			118 %		49.1-148	3062708	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

NSW - 4 4'
H233304-25 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062703	JH/	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		3062703	JH/	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane			122 %	48.2-134		3062709	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			128 %	49.1-148		3062709	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

WSW - 1 4'
H233304-26 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3062703	JH/	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134 3062703 JH/ 27-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane 130 % 48.2-134 3062709 MS 27-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 136 % 49.1-148 3062709 MS 27-Jun-23 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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

WSW - 2 4'
H233304-27 (Soil)

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

Chloride	752		16.0	mg/kg	4	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3062703	JH/	27-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		115 %		71.5-134	3062703	JH/	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>		123 %		48.2-134	3062709	MS	27-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		128 %		49.1-148	3062709	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

WSW - 3 4'
H233304-28 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3062703	JH/	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	114 %	71.5-134	3062703	JH/	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane	115 %	48.2-134	3062709	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane	120 %	49.1-148	3062709	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

WSW - 4 4'
H233304-29 (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	3062713	AC	27-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3062703	JH/	27-Jun-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3062703	JH/	27-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	114 %	71.5-134	3062703	JH/	27-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3062709	MS	27-Jun-23	8015B	

Surrogate: 1-Chlorooctane	106 %	48.2-134	3062709	MS	27-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane	111 %	49.1-148	3062709	MS	27-Jun-23	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

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 3062711 - 1:4 DI Water**Blank (3062711-BLK1)**

Prepared & Analyzed: 27-Jun-23

Chloride	ND	16.0	mg/kg							
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LCS (3062711-BS1)

Prepared & Analyzed: 27-Jun-23

Chloride	432	16.0	mg/kg	400		108	80-120			
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LCS Dup (3062711-BSD1)

Prepared & Analyzed: 27-Jun-23

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Batch 3062713 - 1:4 DI Water**Blank (3062713-BLK1)**

Prepared & Analyzed: 27-Jun-23

Chloride	ND	16.0	mg/kg							
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LCS (3062713-BS1)

Prepared & Analyzed: 27-Jun-23

Chloride	432	16.0	mg/kg	400		108	80-120			
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LCS Dup (3062713-BSD1)

Prepared & Analyzed: 27-Jun-23

Chloride	480	16.0	mg/kg	400		120	80-120	10.5	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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

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 3062701 - Volatiles**Blank (3062701-BLK1)**

Prepared & Analyzed: 27-Jun-23

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)	0.0523		mg/kg	0.0500		105	71.5-134			

LCS (3062701-BS1)

Prepared & Analyzed: 27-Jun-23

Benzene	2.07	0.050	mg/kg	2.00		103	82.8-130			
Toluene	2.03	0.050	mg/kg	2.00		102	86-128			
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.9	85.9-128			
m,p-Xylene	4.01	0.100	mg/kg	4.00		100	89-129			
o-Xylene	1.94	0.050	mg/kg	2.00		96.8	86.1-125			
Total Xylenes	5.94	0.150	mg/kg	6.00		99.0	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0492		mg/kg	0.0500		98.4	71.5-134			

LCS Dup (3062701-BSD1)

Prepared & Analyzed: 27-Jun-23

Benzene	2.08	0.050	mg/kg	2.00		104	82.8-130	0.803	15.8	
Toluene	2.04	0.050	mg/kg	2.00		102	86-128	0.527	15.9	
Ethylbenzene	2.02	0.050	mg/kg	2.00		101	85.9-128	2.15	16	
m,p-Xylene	4.10	0.100	mg/kg	4.00		102	89-129	2.29	16.2	
o-Xylene	2.00	0.050	mg/kg	2.00		99.8	86.1-125	3.08	16.7	
Total Xylenes	6.09	0.150	mg/kg	6.00		102	88.2-128	2.55	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0497		mg/kg	0.0500		99.4	71.5-134			

Batch 3062702 - Volatiles**Blank (3062702-BLK1)**

Prepared & Analyzed: 27-Jun-23

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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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

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 3062702 - Volatiles**Blank (3062702-BLK1)**

Prepared & Analyzed: 27-Jun-23

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0534		mg/kg	0.0500		107	71.5-134			

LCS (3062702-BS1)

Prepared & Analyzed: 27-Jun-23

Benzene	2.26	0.050	mg/kg	2.00		113	82.8-130			
Toluene	2.23	0.050	mg/kg	2.00		111	86-128			
Ethylbenzene	2.11	0.050	mg/kg	2.00		106	85.9-128			
m,p-Xylene	4.46	0.100	mg/kg	4.00		112	89-129			
o-Xylene	2.10	0.050	mg/kg	2.00		105	86.1-125			
Total Xylenes	6.56	0.150	mg/kg	6.00		109	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0521		mg/kg	0.0500		104	71.5-134			

LCS Dup (3062702-BS1)

Prepared & Analyzed: 27-Jun-23

Benzene	2.18	0.050	mg/kg	2.00		109	82.8-130	3.47	15.8	
Toluene	2.16	0.050	mg/kg	2.00		108	86-128	3.34	15.9	
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	85.9-128	5.06	16	
m,p-Xylene	4.21	0.100	mg/kg	4.00		105	89-129	5.66	16.2	
o-Xylene	1.99	0.050	mg/kg	2.00		99.4	86.1-125	5.24	16.7	
Total Xylenes	6.20	0.150	mg/kg	6.00		103	88.2-128	5.53	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	71.5-134			

Batch 3062703 - Volatiles**Blank (3062703-BLK1)**

Prepared & Analyzed: 27-Jun-23

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)	0.0561		mg/kg	0.0500		112	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

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 3062703 - Volatiles**LCS (3062703-BS1)**

Prepared & Analyzed: 27-Jun-23

Benzene	2.09	0.050	mg/kg	2.00		105	82.8-130			
Toluene	2.02	0.050	mg/kg	2.00		101	86-128			
Ethylbenzene	2.16	0.050	mg/kg	2.00		108	85.9-128			
m,p-Xylene	4.37	0.100	mg/kg	4.00		109	89-129			
o-Xylene	2.21	0.050	mg/kg	2.00		111	86.1-125			
Total Xylenes	6.58	0.150	mg/kg	6.00		110	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/kg	0.0500		104	71.5-134			

LCS Dup (3062703-BSD1)

Prepared & Analyzed: 27-Jun-23

Benzene	2.03	0.050	mg/kg	2.00		102	82.8-130	2.93	15.8	
Toluene	1.93	0.050	mg/kg	2.00		96.3	86-128	4.71	15.9	
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	85.9-128	4.16	16	
m,p-Xylene	4.17	0.100	mg/kg	4.00		104	89-129	4.58	16.2	
o-Xylene	2.08	0.050	mg/kg	2.00		104	86.1-125	6.14	16.7	
Total Xylenes	6.25	0.150	mg/kg	6.00		104	88.2-128	5.10	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0521		mg/kg	0.0500		104	71.5-134			

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

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 3062704 - General Prep - Organics**Blank (3062704-BLK1)**

Prepared & Analyzed: 27-Jun-23

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.3		mg/kg	49.6		89.4	48.2-134			
Surrogate: 1-Chlorooctadecane	49.2		mg/kg	50.0		98.5	49.1-148			

LCS (3062704-BS1)

Prepared & Analyzed: 27-Jun-23

GRO C6-C10	197	10.0	mg/kg	200		98.5	66.4-123			
DRO >C10-C28	198	10.0	mg/kg	200		98.8	66.5-118			
Total TPH C6-C28	395	10.0	mg/kg	400		98.6	77.6-123			
Surrogate: 1-Chlorooctane	48.9		mg/kg	49.6		98.7	48.2-134			
Surrogate: 1-Chlorooctadecane	50.5		mg/kg	50.0		101	49.1-148			

LCS Dup (3062704-BS1)

Prepared & Analyzed: 27-Jun-23

GRO C6-C10	229	10.0	mg/kg	200		115	66.4-123	15.1	17.7	
DRO >C10-C28	222	10.0	mg/kg	200		111	66.5-118	11.6	21	
Total TPH C6-C28	451	10.0	mg/kg	400		113	77.6-123	13.4	18.5	
Surrogate: 1-Chlorooctane	55.8		mg/kg	49.6		113	48.2-134			
Surrogate: 1-Chlorooctadecane	64.7		mg/kg	50.0		129	49.1-148			

Batch 3062707 - General Prep - Organics**Blank (3062707-BLK1)**

Prepared & Analyzed: 27-Jun-23

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	43.1		mg/kg	49.6		87.0	48.2-134			
Surrogate: 1-Chlorooctadecane	47.6		mg/kg	50.0		95.1	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

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 3062707 - General Prep - Organics**LCS (3062707-BS1)**

Prepared & Analyzed: 27-Jun-23

GRO C6-C10	177	10.0	mg/kg	200		88.7	66.4-123		
DRO >C10-C28	181	10.0	mg/kg	200		90.3	66.5-118		
Total TPH C6-C28	358	10.0	mg/kg	400		89.5	77.6-123		
Surrogate: 1-Chlorooctane	49.1		mg/kg	49.6		99.1	48.2-134		
Surrogate: 1-Chlorooctadecane	51.7		mg/kg	50.0		103	49.1-148		

LCS Dup (3062707-BSD1)

Prepared & Analyzed: 27-Jun-23

GRO C6-C10	171	10.0	mg/kg	200		85.3	66.4-123	3.89	17.7
DRO >C10-C28	175	10.0	mg/kg	200		87.5	66.5-118	3.16	21
Total TPH C6-C28	346	10.0	mg/kg	400		86.4	77.6-123	3.52	18.5
Surrogate: 1-Chlorooctane	46.9		mg/kg	49.6		94.6	48.2-134		
Surrogate: 1-Chlorooctadecane	49.8		mg/kg	50.0		99.6	49.1-148		

Batch 3062708 - General Prep - Organics**Blank (3062708-BLK1)**

Prepared & Analyzed: 27-Jun-23

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	52.9		mg/kg	49.6		107	48.2-134		
Surrogate: 1-Chlorooctadecane	52.4		mg/kg	50.0		105	49.1-148		

LCS (3062708-BS1)

Prepared & Analyzed: 27-Jun-23

GRO C6-C10	209	10.0	mg/kg	200		105	66.4-123		
DRO >C10-C28	204	10.0	mg/kg	200		102	66.5-118		
Total TPH C6-C28	413	10.0	mg/kg	400		103	77.6-123		
Surrogate: 1-Chlorooctane	59.0		mg/kg	49.6		119	48.2-134		
Surrogate: 1-Chlorooctadecane	56.1		mg/kg	50.0		112	49.1-148		

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: ROSE CTB
Project Number: SPUR
Project Manager: CHRIS JONES
Fax To:

Reported:
28-Jun-23 11:53

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 3062708 - General Prep - Organics**LCS Dup (3062708-BSD1)**

Prepared & Analyzed: 27-Jun-23

GRO C6-C10	215	10.0	mg/kg	200		107	66.4-123	2.63	17.7	
DRO >C10-C28	204	10.0	mg/kg	200		102	66.5-118	0.349	21	
Total TPH C6-C28	419	10.0	mg/kg	400		105	77.6-123	1.51	18.5	
Surrogate: 1-Chlorooctane	60.6		mg/kg	49.6		122	48.2-134			
Surrogate: 1-Chlorooctadecane	56.7		mg/kg	50.0		113	49.1-148			

Batch 3062709 - General Prep - Organics**Blank (3062709-BLK1)**

Prepared & Analyzed: 27-Jun-23

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	55.2		mg/kg	49.6		111	48.2-134			
Surrogate: 1-Chlorooctadecane	58.2		mg/kg	50.0		116	49.1-148			

LCS (3062709-BS1)

Prepared & Analyzed: 27-Jun-23

GRO C6-C10	198	10.0	mg/kg	200		99.0	66.4-123			
DRO >C10-C28	210	10.0	mg/kg	200		105	66.5-118			
Total TPH C6-C28	408	10.0	mg/kg	400		102	77.6-123			
Surrogate: 1-Chlorooctane	61.4		mg/kg	49.6		124	48.2-134			
Surrogate: 1-Chlorooctadecane	62.7		mg/kg	50.0		125	49.1-148			

LCS Dup (3062709-BSD1)

Prepared & Analyzed: 27-Jun-23

GRO C6-C10	202	10.0	mg/kg	200		101	66.4-123	2.13	17.7	
DRO >C10-C28	211	10.0	mg/kg	200		105	66.5-118	0.383	21	
Total TPH C6-C28	413	10.0	mg/kg	400		103	77.6-123	1.24	18.5	
Surrogate: 1-Chlorooctane	62.4		mg/kg	49.6		126	48.2-134			
Surrogate: 1-Chlorooctadecane	63.9		mg/kg	50.0		128	49.1-148			

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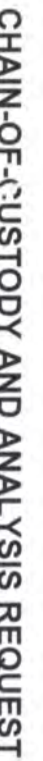
A handwritten signature in cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



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Page 41 of 43



W. J. L.

FOIA b-7(D)

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 3

Company Name: <u>Albator</u>		P.O. #:		BILL TO		ANALYSIS REQUEST											
Project Manager:		Company:															
Address:		Attn:															
City: State: Zip:		Address:															
Phone #: Fax #:		City: State: Zip:															
Project #:		Project Owner:															
Project Name:		Phone #:															
Project Location:		Fax #:															
Sampler Name:																	
FOR LAB USE ONLY																	
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			
H33384	ESW-4	4'	1														
	ESW-1	4'															
	ESW-2	4'															
	ESW-3	4'															
	ESW-4	4'															
	ESW-1	4'															
	ESW-2	4'															
	ESW-3	4'															
	ESW-4	4'															
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Relinquished By: <u>[Signature]</u>		Date: <u>8/4/23</u>		Received By: <u>[Signature]</u>		Date: <u>8/4/23</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		All Results are emailed. Please provide Email address:					
Relinquished By: <u>[Signature]</u>		Date: <u>8/4/23</u>		Received By: <u>[Signature]</u>		Date: <u>8/4/23</u>		REMARKS:									
Delivered By: (Circle One)		Observed Temp. °C		Sample Condition		CHECKED BY: (Initials)		Turnaround Time:		Standard		Bacteria (only)		Sample Condition			
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID #113		RUSH <input checked="" type="checkbox"/>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Observed Temp. °C			
		23				V.P.		24ME				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Corrected Temp. °C			

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

June 29, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: ROSE CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/28/23 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/28/2023
Reported: 06/29/2023
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 06/28/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 1 4' (H233339-01)

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	06/29/2023	ND	432	108	400	0.00	

Sample ID: S - 2 4' (H233339-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/29/2023	ND	432	108	400	0.00	

Sample ID: S - 3 4' (H233339-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/29/2023	ND	432	108	400	0.00	

Sample ID: ESW - 1 4' (H233339-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/29/2023	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/28/2023
Reported: 06/29/2023
Project Name: ROSE CTB
Project Number: SPUR
Project Location: 32.680200-104.427700

Sampling Date: 06/28/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WSW - 2 4' (H233339-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	06/29/2023	ND	432	108	400	0.00		

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Notes and Definitions

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

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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 Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs Phone #: 575-964-7814 Fax #: Project #: Project Owner: Spur Project Name: Rose CTB Project Location: Rural Eddy Sampler Name: Angel & Terahy				P.O. #: Company: Spur Attn: Address: City: State: Zip: Phone #: Fax #:				BILL TO				ANALYSIS REQUEST			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.															
Relinquished By:  Date: 6-28-23 Time: 1:20 Received By:  Date: 6-28-23 Time:		Relinquished By:  Date: Time:		Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/>		CHECKED BY: (Initials) 		REMARKS: *		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:			
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 MATRIX PRESERV SAMPLING															
Chlorides															

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

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

CONDITIONS

Action 245292

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 245292
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	8/4/2023