



May 7th, 2025

NMOCD District 2
Mr. Mike Bratcher
Artesia, NM 88210

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

Re: Site Assessment, Remediation, and Closure Request
Boot Hill 25 #1H
API No. 30-015-38552
GPS: Latitude 32.63142 Longitude -104.43668
U/L “J,” Sec. 25, T19S, R25E
Eddy County, NM
NMOCD Ref. No. NAPP2500640377

Paragon Environmental LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment and conduct remediation activities for the release site known as the Boot Hill 25 #1H (Boot Hill). Details of the release are summarized below:

Release Details			
Type of Release:	Produced Water / Crude Oil	Volume of Release:	12 bbls
		Volume Recovered:	10 bbls
Source of Release:	Well Head	Date of Release:	12/22/2024
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	NMOCD Portal
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	State	Mineral Owner:	State
CORROSION OF THE 1" NIPPLE UNDER THE PRESSURE SWITCH FAILED RELEASING 12 BBLS OF OIL AND PW ONTO THE LOCATION PAD.			

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

REGULATORY FRAMEWORK & SITE CHARACTERIZATION

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

- Depth to Groundwater in the affected area 26-50'
- Method to determine DTW NM OSE
- Did the release impact groundwater or surface water No

Depth to groundwater information is provided in Appendix A.

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

- A Continuously flowing watercourse or any other significant watercourse- 1/2 mile-1 mile
- Any lakebed, sinkhole, or playa lake- 1-5 mi
- An occupied permanent residence, school, hospital, institution, or church- 1-5 mi
- A spring or a private domestic fresh water well used by less than 5 households for domestic or stock watering purposes- 1-5 mi
- Any other fresh water well or spring- 1-5 mi
- Incorporated municipal boundaries or a defined municipal fresh water well field- 1-5 mi
- A wetland- 1/2-1 mi
- A subsurface mine- >5 mi
- An (non-karst) unstable area- 1-5mi
- Categorize the risk of this well/site being in a karst area geology- Medium
- A 100-year floodplain- 1-5 mi
- Did the release impact areas not on an exploration, development, production, or storage site- No

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Piedmont alluvial deposits (Holocene to lower Pleistocene)—Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits (QP). The soil in this area is made up of Reagan-Upton Association, 0 to 9 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are well-drained.

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

INITIAL SITE ASSESSMENT

On January 7th, 2025, Paragon conducted an initial site assessment. During the initial site assessment, it was determined that we would gather samples in the area where the spill had come out of the well head and flowed onto the pad. We brought out a backhoe to excavate seven (7) soil samples and eight (8) horizontal samples to determine the vertical and horizontal footprint of the spill. We performed field titrations on these samples. A summary of the field results collected during the above-stated activities is provided below:

1-7-25 Soil Sample Results				
Boothill 25 #1H Field Testing				
Sample Date 1-7-25				Closure Criteria ≤ 600 mg/kg
Sample ID	Depth (BGS)	GRO	VOC	CHLORIDES
S-1	4'			425
S-2	8'			425
S-3	2'			425
S-4	4'			283
S-5	3'			283
S-6	4'			283
S-7	4'			283
H-1	2'			283
H-2	2'			425
H-3	2'			425
H-4	2'			425
H-5	2'			425
H-6	2'			283
H-7	2'			425
H-8	2'			425

(ND) Analyte Not Detected

Laboratory data is attached in Appendix D

A Site Map is provided in Figure #1.

REMEDIATION ACTIVITIES

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

On February 17th, 2025, Paragon excavated the impacted soils that were above the NMOCD Closure Criteria, ranging in depth.

- The areas of S-1 and S-4 was excavated to a depth of 4' BGS. The square footage of this area was 1550 s/f, and the total yardage was 230 c/y.
- The area of S-2 was excavated to a depth of 8' BGS. The square footage of this area was 550 s/f, and the total yardage was 165 c/y.
- The area of S-3 was excavated to a depth of 2' BGS. The square footage of this area was 325 s/f, and the total yardage was 25 c/y.
- The area of S-5 was excavated to a depth of 3' BGS. The square footage of this area was 575 s/f, and the total yardage was 65 c/y.
- The areas of S-6 and S-7 was excavated to a depth of 4' BGS. The square footage of this area was 1000 s/f, and the total yardage was 155 c/y.
- The total area came out to approximately 4000 s/f, and the total volume came out to approximately 640 c/y.

A confirmation soil sampling event in accordance with 19.15.19.12 NMAC was conducted, giving the OCD a 48-hour notification. The results of said soil sampling event are in the following data table:

2-24-25 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 02-24-25	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
ESW - 1 8'	ND	ND	ND	ND	ND	ND	96
ESW - 2 2'	ND	ND	ND	ND	ND	ND	96
ESW - 3 3'	ND	ND	ND	ND	ND	ND	32
ESW - 4 4'	ND	ND	ND	ND	ND	ND	96
NSW - 1 8'	ND	ND	ND	ND	ND	ND	144
NSW - 2 4'	ND	ND	ND	ND	ND	ND	144
NSW - 3 4'	ND	ND	ND	ND	ND	ND	160
SSW - 1 8'	ND	ND	ND	ND	ND	ND	144
SSW - 2 4'	ND	ND	ND	ND	ND	ND	128
SSW - 3 2'	ND	ND	ND	ND	ND	ND	160
SSW - 4 4'	ND	ND	ND	ND	ND	ND	144
WSW - 1 8'	ND	ND	ND	ND	ND	ND	80
WSW - 2 4'	ND	ND	ND	ND	ND	ND	80
WSW - 3 2'	ND	ND	ND	ND	ND	ND	144
WSW - 4 3'	ND	ND	ND	ND	ND	ND	128
WSW - 5 4'	ND	ND	ND	ND	ND	ND	160
S - 1 4'	ND	ND	ND	ND	ND	ND	112
S - 2 4'	ND	ND	ND	ND	ND	ND	128
S - 3 4'	ND	ND	ND	ND	ND	ND	128
S - 4 4'	ND	ND	ND	ND	ND	ND	144
S - 5 4'	ND	ND	ND	ND	ND	ND	112
S - 6 4'	ND	ND	ND	ND	ND	ND	128
S - 7 4'	ND	ND	ND	ND	ND	ND	112
S - 8 4'	ND	ND	ND	ND	ND	ND	144
S - 9 8'	ND	ND	ND	ND	ND	ND	96
S - 10 8'	ND	ND	ND	ND	ND	ND	128
S - 11 8'	ND	ND	ND	ND	ND	ND	144
S - 12 2'	ND	ND	ND	ND	ND	ND	144
S - 13 2'	ND	ND	ND	ND	ND	ND	128
S - 14 3'	ND	ND	ND	ND	ND	ND	80
S - 15 3'	ND	ND	ND	ND	ND	ND	80
S - 16 3'	ND	ND	ND	ND	ND	ND	64
S - 17 4'	ND	ND	ND	ND	ND	ND	176
S - 18 4'	ND	ND	ND	ND	ND	ND	160
S - 19 4'	ND	ND	ND	ND	ND	ND	160
S - 20 4'	ND	ND	ND	ND	ND	ND	176
S - 21 4'	ND	ND	ND	ND	ND	ND	144

(ND) – Analyte Not Detected

These laboratory analytical results showed that the confirmation soil samples were below NMOCD Closure Criteria. The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. After receiving laboratory analytical results below the closure criteria, on February 25th, 2025, the excavated areas were backfilled with “like” material. The affected area was then contoured and machine-compacted to match the surrounding grade.

CLOSURE REQUEST

After careful review, Paragon requests that the incident, NAPP2500640377, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

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

Respectfully,



Tristan Jones
Project Manager
Paragon Environmental, LLC



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

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

Appendices:

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



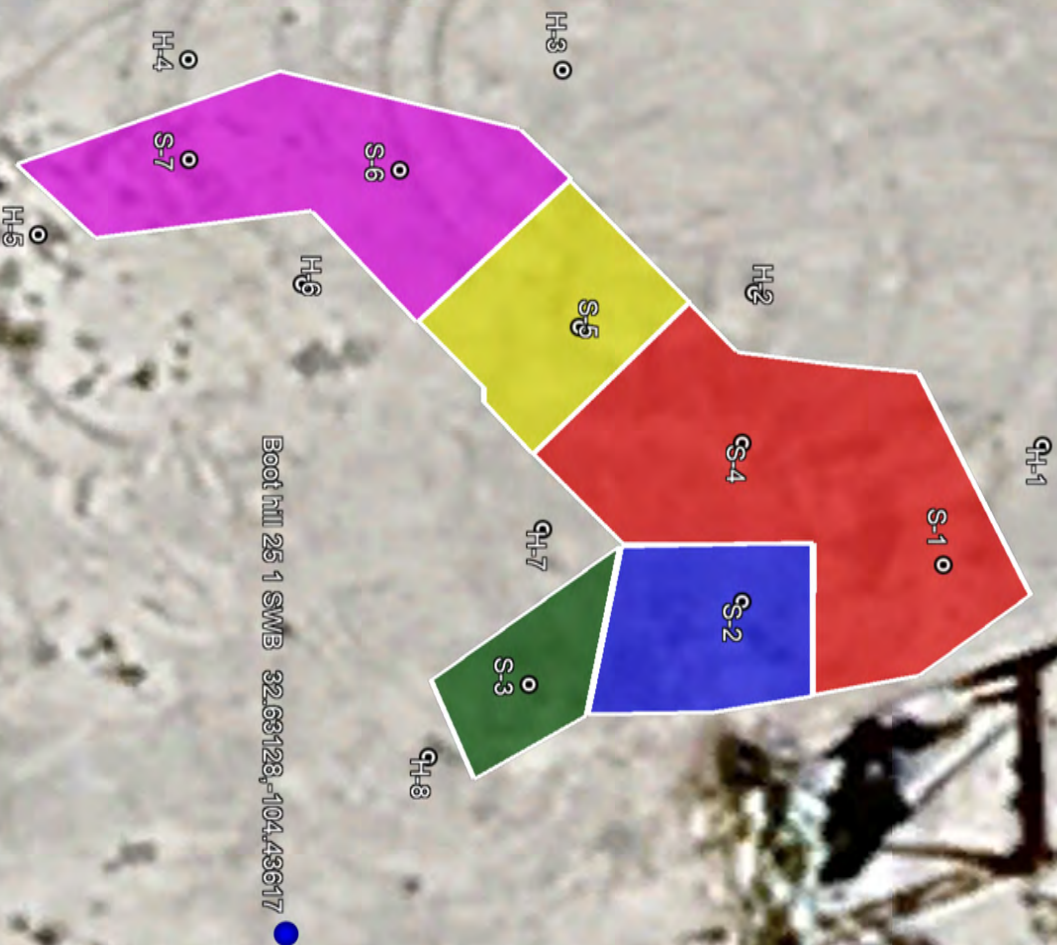
Figures:

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

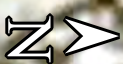
Boot Hill 25 #1H
API # 30-015-38552
Eddy County, NM
Site Map

Legend

- 2' Spill Area / 325 SF / 25 CY
- 3' Spill Area / 575 SF / 65 CY
- 4' Spill Area / 1000 SF / 155 CY
- 4' Spill Area / 1550 SF / 230 CY
- 8' Spill Area / 550 SF / 165 CY
- Boot hill 25 1 SWB 32.63128,-104.43617
- Feature 1



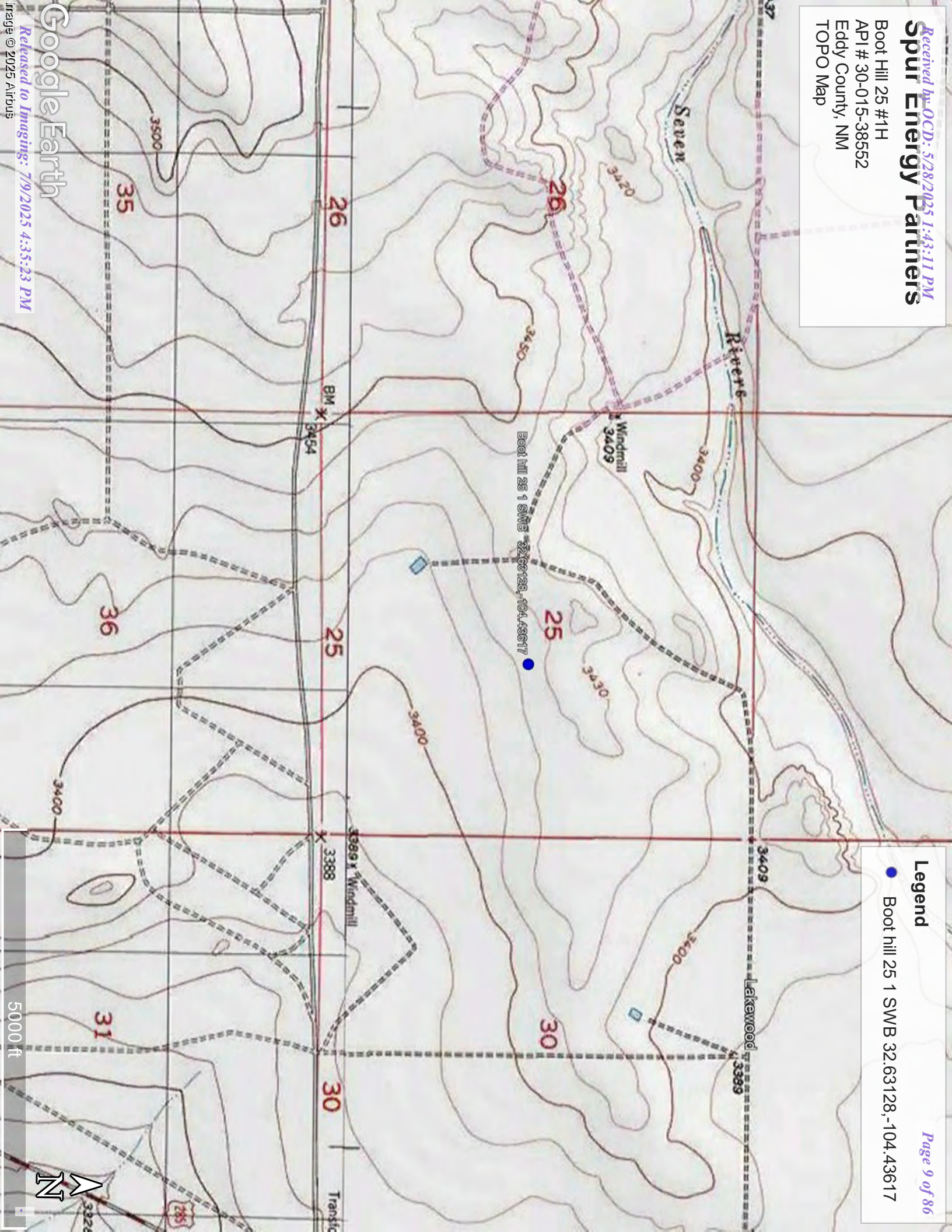
Boot hill 25 1 SWB 32.63128,-104.43617



Boot Hill 25 #1H
API # 30-015-38552
Eddy County, NM
TOPO Map

Legend

- Boot hill 25 1 SWB 32.63128, -104.43617



Boot Hill 25 #1H
API # 30-015-38552
Eddy County, NM
Karst Map

Legend

- Boot hill 25 1 SWB 32.63128,-104.43617
- High
- Low
- Medium

Lakewood

Boot hill 25 1 SWB 32.63128,-104.43617

Seven Rivers

Brantley Lake
Pecos River





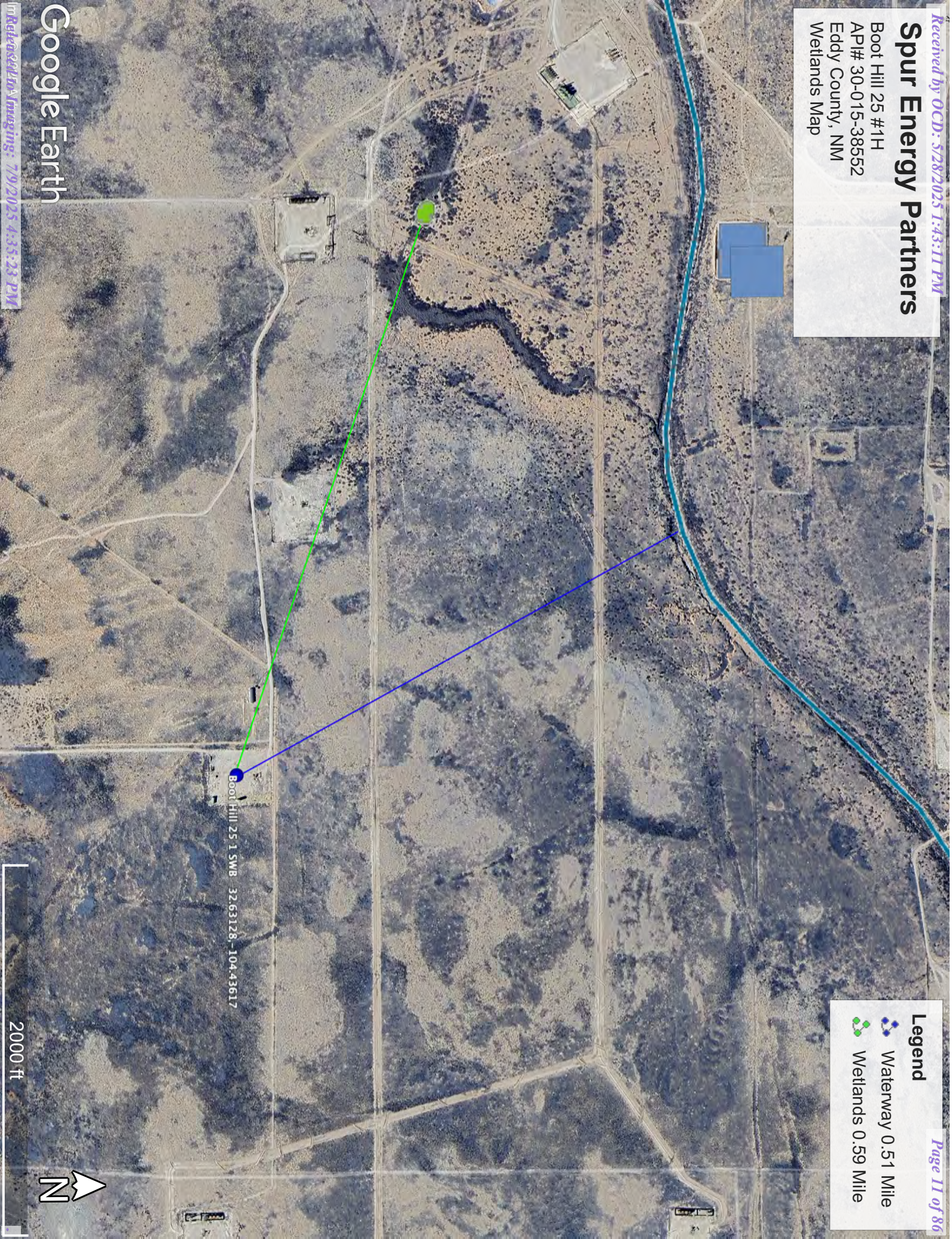
3 mi

Spur Energy Partners

Boot Hill 25 #1H
API# 30-015-38552
Eddy County, NM
Wetlands Map

Legend

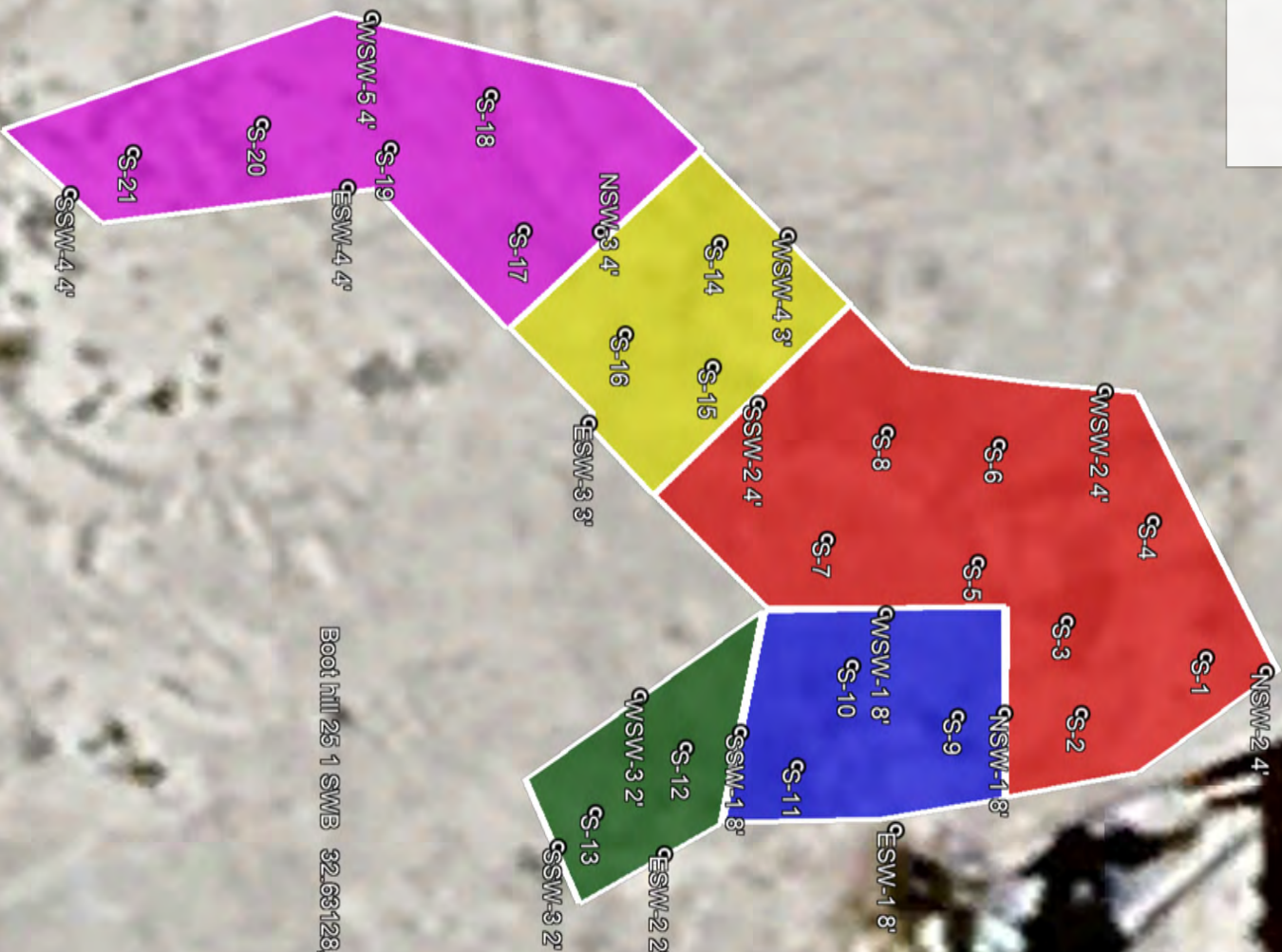
-  Waterway 0.51 Mile
-  Wetlands 0.59 Mile



Boot Hill 25 1 SWB 32.63128 - 104.43617








Google Earth

Boot Hill 25 #1H
API # 30-015-38552
Eddy County, NM
Confirmation Sample Map



Boot hill 25 1 SWB 32.63128,-104.43617

Legend




-  2' Spill Area / 325 SF / 25 CY
 3' Spill Area / 575 SF / 65 CY
 4' Spill Area / 1000 SF / 155 CY
 4' Spill Area / 1550 SF / 230 CY
 8' Spill Area / 550 SF / 165 CY
 Boot hill 25 1 SWB 32.63128,-104.43617
 Feature 1



Appendix A
Referenced Water Data:

New Mexico State of Engineers Office

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters) (In feet) (In feet)															
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	
RA 10496	O	RA	ED	SW	SW	SE	25	19S	25E	552801.0	3609865.0 *		703	110	40	
RA 10155		RA	ED	SE	SW	SE	25	19S	25E	553001.0	3609865.0 *		719	225	60	
RA 07026		RA	ED		SW	SW	30	19S	26E	553699.0	3609975.0 *		1041	135	105	

Average Depth to Water

Minimum Depth: **40 feet**

Maximum Depth: **105 feet**



Record Count: 3

UTM Filters (in meters):

Easting: 552842.081

Northing: 3610566.821

Radius: 1600.0

* UTM location was derived from PLSS - see Help

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



Appendix B
Soil Survey:

U.S.D.A.
FEMA Flood Map

Map Unit Description: 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 20, Sep 3, 2024



National Flood Hazard Layer FIRMette





104°26'31"W 32°38'8"N
















Legend




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


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

 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 Future Conditions 1% Annual Chance Flood Hazard Zone X
 Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 Area with Flood Risk due to Levee Zone D

OTHER AREAS OF FLOOD HAZARD	 NO SCREEN Area of Minimal Flood Hazard Zone X
OTHER AREAS	 Effective LOMRs Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES	 Channel, Culvert, or Storm Sewer  Levee, Dike, or Floodwall

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

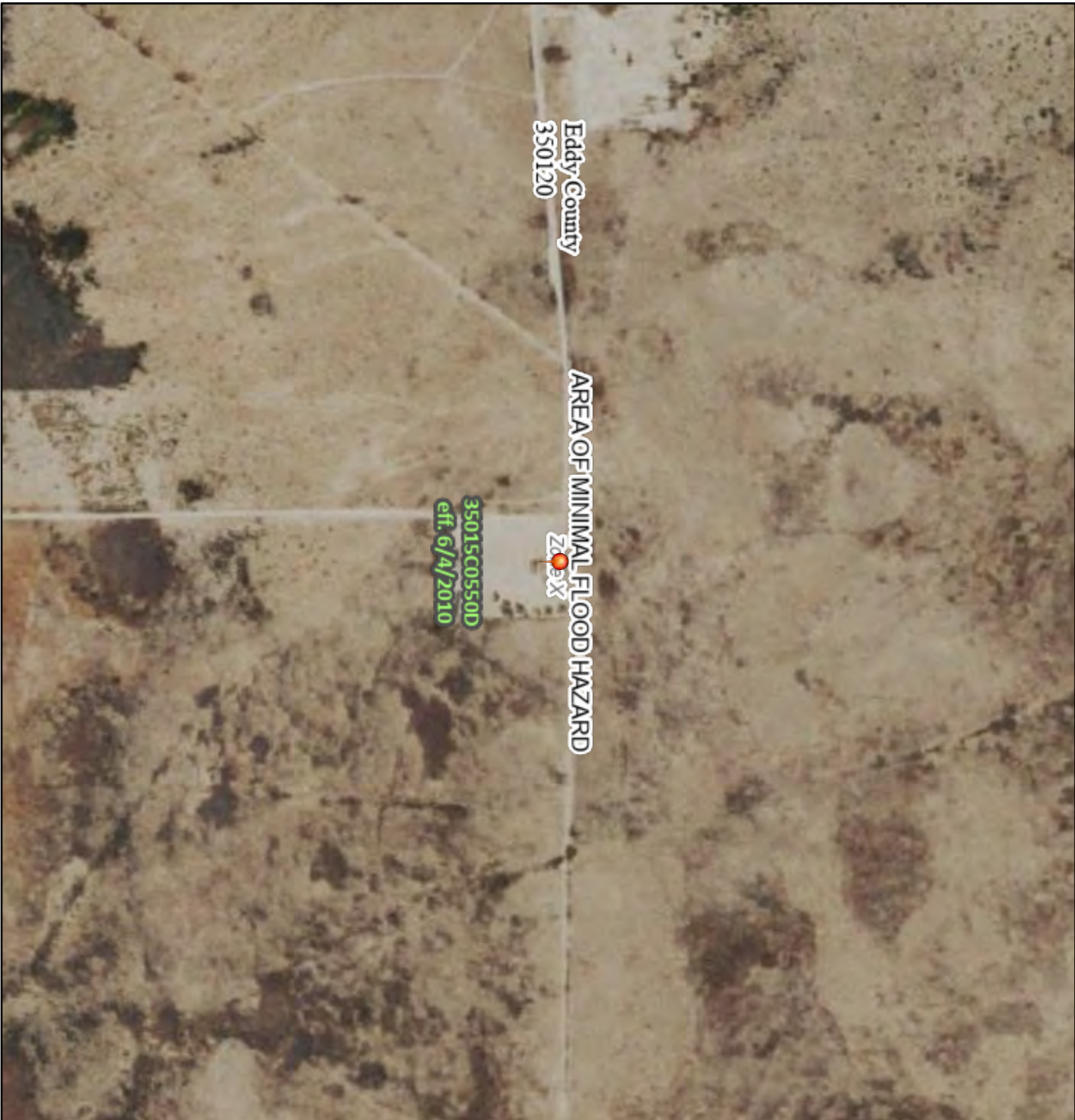
MAP PANELS	 Digital Data Available
	 No Digital Data Available
	 Unmapped

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

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 3/27/2025 at 2:59 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





Appendix C:

NMOCD Notification

Photographic Documentation

OCD Permitting

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

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

Submission Information

Submission ID:	433908	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , BOOT HILL 25 #001H , nAPP2500640377		
Status:	APPROVED		
Status Date:	02/20/2025		
References (2):	30-015-38552, nAPP2500640377		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2500640377
Incident Name	NAPP2500640377 BOOT HILL 25 #001H @ 30-015-38552
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-015-38552] BOOT HILL 25 #001H

Location of Release Source

Site Name	BOOT HILL 25 #001H
Date Release Discovered	12/22/2024
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/24/2025
Time sampling will commence	12:00 PM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Angel Pena 575-605-0773
Please provide any information necessary for navigation to sampling site	32.63128,-104.43617

Comments

No comments found for this submission.

Conditions

Summary: *tristanjones (2/20/2025)*, Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

Reasons

No reasons found for this submission.

Go Back

New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012
1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220



**Photographic Documentation
Before**





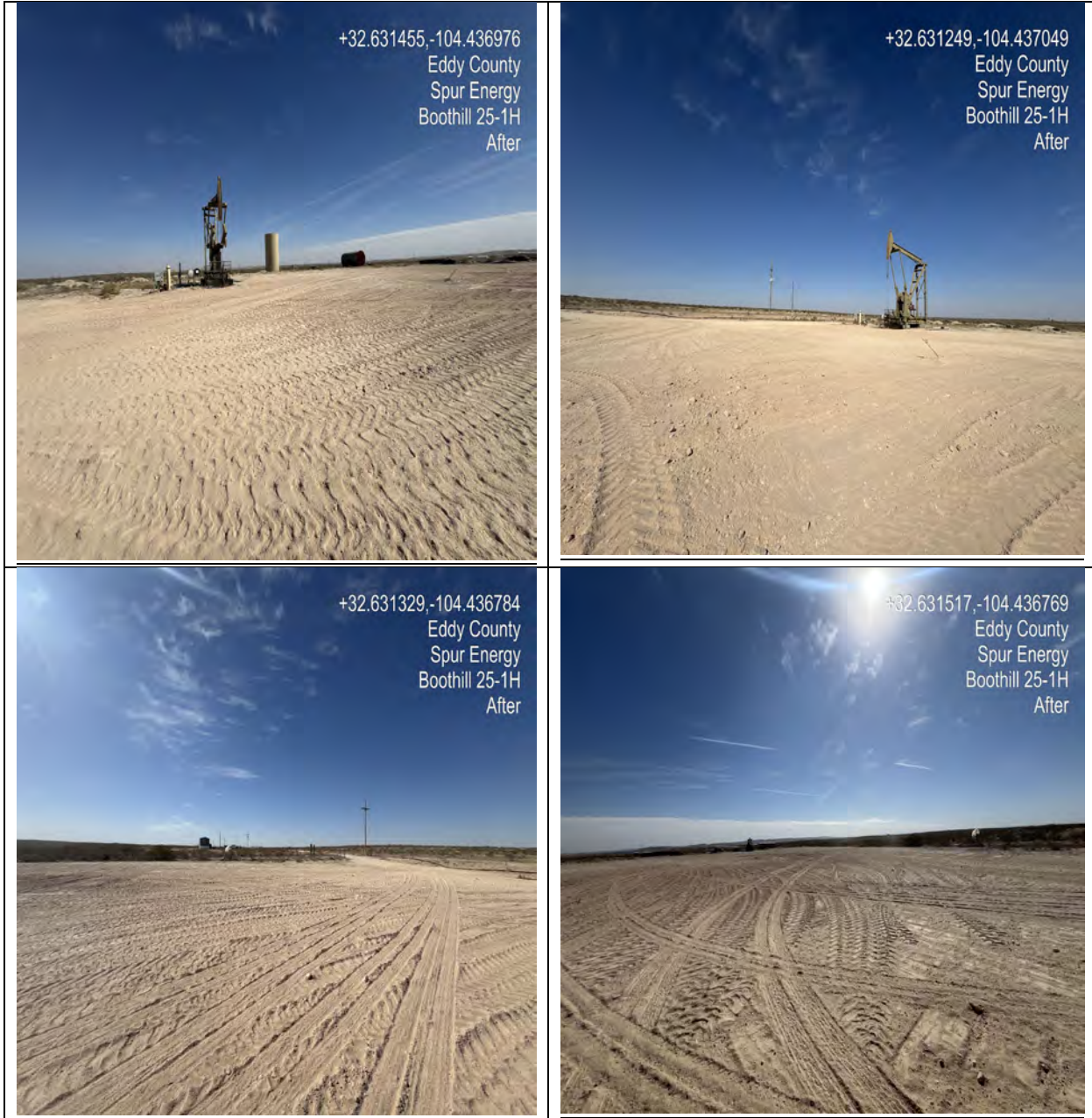
Photographic Documentation
During





Photographic Documentation

Post





Appendix D:
Laboratory Results

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

May 06, 2025

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BOOT HILL 25-1 H

Enclosed are the results of analyses for samples received by the laboratory on 02/26/25 15:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 1 4'	H251155-01	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 2 4'	H251155-02	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 3 4'	H251155-03	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 4 4'	H251155-04	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 5 4'	H251155-05	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 6 4'	H251155-06	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 7 4'	H251155-07	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 8 4'	H251155-08	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 9 8'	H251155-09	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 10 8'	H251155-10	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 11 8'	H251155-11	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 12 2'	H251155-12	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 13 2'	H251155-13	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 14 3'	H251155-14	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 15 3'	H251155-15	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 16 3'	H251155-16	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 17 4'	H251155-17	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 18 4'	H251155-18	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 19 4'	H251155-19	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 20 4'	H251155-20	Soil	24-Feb-25 00:00	26-Feb-25 15:22
S - 21 4'	H251155-21	Soil	24-Feb-25 00:00	26-Feb-25 15:22
WSW - 1 8'	H251155-22	Soil	24-Feb-25 00:00	26-Feb-25 15:22
WSW - 2 4'	H251155-23	Soil	24-Feb-25 00:00	26-Feb-25 15:22
WSW - 3 2'	H251155-24	Soil	24-Feb-25 00:00	26-Feb-25 15:22
WSW - 4 3'	H251155-25	Soil	24-Feb-25 00:00	26-Feb-25 15:22
WSW - 5 4'	H251155-26	Soil	24-Feb-25 00:00	26-Feb-25 15:22
NSW - 1 8'	H251155-27	Soil	24-Feb-25 00:00	26-Feb-25 15:22

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

NSW - 2 4'	H251155-28	Soil	24-Feb-25 00:00	26-Feb-25 15:22
NSW - 3 4'	H251155-29	Soil	24-Feb-25 00:00	26-Feb-25 15:22
ESW - 1 8'	H251155-30	Soil	24-Feb-25 00:00	26-Feb-25 15:22
ESW - 2 2'	H251155-31	Soil	24-Feb-25 00:00	26-Feb-25 15:22
ESW - 3 3'	H251155-32	Soil	24-Feb-25 00:00	26-Feb-25 15:22
ESW - 4 4'	H251155-33	Soil	24-Feb-25 00:00	26-Feb-25 15:22
SSW - 1 8'	H251155-34	Soil	24-Feb-25 00:00	26-Feb-25 15:22
SSW - 2 4'	H251155-35	Soil	24-Feb-25 00:00	26-Feb-25 15:22
SSW - 3 2'	H251155-36	Soil	24-Feb-25 00:00	26-Feb-25 15:22
SSW - 4 4'	H251155-37	Soil	24-Feb-25 00:00	26-Feb-25 15:22

05/06/25 - Client changed all samples to composite (see COC). This is the revised report and will replace the one sent on 03/04/25.

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 1 4'
H251155-01 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5022802	AC	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	108 %	71.5-134			5022738	JH	01-Mar-25	8021B	
---------------------------------------	-------	----------	--	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B	

Surrogate: 1-Chlorooctane	104 %	48.2-134			5022662	MS	28-Feb-25	8015B	
---------------------------	-------	----------	--	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane	110 %	49.1-148			5022662	MS	28-Feb-25	8015B	
-------------------------------	-------	----------	--	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 2 4'**H251155-02 (Soil)**

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	107 %	71.5-134	5022738	JH	01-Mar-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B

Surrogate: 1-Chlorooctane	107 %	48.2-134	5022662	MS	28-Feb-25	8015B
---------------------------	-------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	115 %	49.1-148	5022662	MS	28-Feb-25	8015B
-------------------------------	-------	----------	---------	----	-----------	-------

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 3 4'**H251155-03 (Soil)**

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	5022738	JH	01-Mar-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B

Surrogate: 1-Chlorooctane	102 %	48.2-134	5022662	MS	28-Feb-25	8015B
---------------------------	-------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	106 %	49.1-148	5022662	MS	28-Feb-25	8015B
-------------------------------	-------	----------	---------	----	-----------	-------

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 4 4'**H251155-04 (Soil)**

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	107 %	71.5-134	5022738	JH	01-Mar-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B

Surrogate: 1-Chlorooctane	103 %	48.2-134	5022662	MS	28-Feb-25	8015B
---------------------------	-------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	110 %	49.1-148	5022662	MS	28-Feb-25	8015B
-------------------------------	-------	----------	---------	----	-----------	-------

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 5 4'**H251155-05 (Soil)**

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	107 %	71.5-134	5022738	JH	01-Mar-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B

Surrogate: 1-Chlorooctane	97.0 %	48.2-134	5022662	MS	28-Feb-25	8015B
---------------------------	--------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	106 %	49.1-148	5022662	MS	28-Feb-25	8015B
-------------------------------	-------	----------	---------	----	-----------	-------

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 6 4'**H251155-06 (Soil)**

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	107 %	71.5-134	5022738	JH	01-Mar-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B

Surrogate: 1-Chlorooctane	95.1 %	48.2-134	5022662	MS	28-Feb-25	8015B
---------------------------	--------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	101 %	49.1-148	5022662	MS	28-Feb-25	8015B
-------------------------------	-------	----------	---------	----	-----------	-------

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 7 4'**H251155-07 (Soil)**

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	106 %	71.5-134	5022738	JH	01-Mar-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B

Surrogate: 1-Chlorooctane	102 %	48.2-134	5022662	MS	28-Feb-25	8015B
---------------------------	-------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	109 %	49.1-148	5022662	MS	28-Feb-25	8015B
-------------------------------	-------	----------	---------	----	-----------	-------

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 8 4'**H251155-08 (Soil)**

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	110 %	71.5-134	5022738	JH	01-Mar-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B

Surrogate: 1-Chlorooctane	105 %	48.2-134	5022662	MS	28-Feb-25	8015B
---------------------------	-------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	113 %	49.1-148	5022662	MS	28-Feb-25	8015B
-------------------------------	-------	----------	---------	----	-----------	-------

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 9 8'**H251155-09 (Soil)**

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %		71.5-134	5022738	JH	01-Mar-25	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			101 %		71.8-148	5022662	MS	28-Feb-25	8015B	
----------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			110 %		63.9-155	5022662	MS	28-Feb-25	8015B	
--------------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 10 8'
H251155-10 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		5022738	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022662	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			102 %	71.8-148		5022662	MS	28-Feb-25	8015B	
----------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			109 %	63.9-155		5022662	MS	28-Feb-25	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 11 8'
H251155-11 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		5022738	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			107 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			113 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 12 2'
H251155-12 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5022763	CT	27-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	107 %	71.5-134	5022738	JH	01-Mar-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B

Surrogate: 1-Chlorooctane	105 %	48.2-134	5022663	MS	28-Feb-25	8015B
---------------------------	-------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	105 %	49.1-148	5022663	MS	28-Feb-25	8015B
-------------------------------	-------	----------	---------	----	-----------	-------

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 13 2'
H251155-13 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5022763	CT	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5022738	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			106 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			106 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 14 3'
H251155-14 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5022763	CT	28-Feb-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5022738	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.7 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			87.6 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 15 3'
H251155-15 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5022763	CT	28-Feb-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5022738	JH	01-Mar-25	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

Surrogate: 1-Chlorooctane			97.7 %	48.2-134		5022663	MS	28-Feb-25	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			97.4 %	49.1-148		5022663	MS	28-Feb-25	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 16 3'
H251155-16 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	5022763	CT	28-Feb-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		5022738	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			95.1 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			92.9 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 17 4'
H251155-17 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	5022763	CT	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %		71.5-134	5022738	JH	01-Mar-25	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.4 %		48.2-134	5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			85.1 %		49.1-148	5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 18 4'
H251155-18 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	5022763	CT	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		71.5-134	5022738	JH	01-Mar-25	8021B	
---------------------------------------	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

Surrogate: 1-Chlorooctane			91.7 %		48.2-134	5022663	MS	28-Feb-25	8015B	
---------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			92.7 %		49.1-148	5022663	MS	28-Feb-25	8015B	
-------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 19 4'
H251155-19 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	5022763	CT	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022738	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022738	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5022738	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.0 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			84.9 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 20 4'
H251155-20 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	5022763	CT	28-Feb-25	4500-Cl-B	
----------	-----	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		5022739	JH	01-Mar-25	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

Surrogate: 1-Chlorooctane			96.4 %	48.2-134		5022663	MS	28-Feb-25	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			95.3 %	49.1-148		5022663	MS	28-Feb-25	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

S - 21 4'
H251155-21 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5022763	CT	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	109 %	71.5-134	5022739	JH	01-Mar-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B

Surrogate: 1-Chlorooctane	92.4 %	48.2-134	5022663	MS	28-Feb-25	8015B
---------------------------	--------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	90.6 %	49.1-148	5022663	MS	28-Feb-25	8015B
-------------------------------	--------	----------	---------	----	-----------	-------

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

WSW - 1 8'
H251155-22 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			99.8 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			99.9 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

WSW - 2 4'
H251155-23 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.8 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			96.0 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

WSW - 3 2'
H251155-24 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.0 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			91.5 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

WSW - 4 3'
H251155-25 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			112 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			116 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

WSW - 5 4'
H251155-26 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.2 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			93.1 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

NSW - 1 8'
H251155-27 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.5 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			90.9 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

NSW - 2 4'
H251155-28 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.4 %	48.2-134		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			93.7 %	49.1-148		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

NSW - 3 4'
H251155-29 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			109 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.8 %	71.8-148		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			88.8 %	63.9-155		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

ESW - 1 8'
H251155-30 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022663	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.6 %	71.8-148		5022663	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			89.1 %	63.9-155		5022663	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

ESW - 2 2'
H251155-31 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.5 %	71.8-148		5022664	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			94.4 %	63.9-155		5022664	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

ESW - 3 3'
H251155-32 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5-134		5022739	JH	01-Mar-25	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	

Surrogate: 1-Chlorooctane			91.8 %	71.8-148		5022664	MS	28-Feb-25	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			88.4 %	63.9-155		5022664	MS	28-Feb-25	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

ESW - 4 4'
H251155-33 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5-134		5022739	JH	01-Mar-25	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	

Surrogate: 1-Chlorooctane			95.4 %	71.8-148		5022664	MS	28-Feb-25	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			93.9 %	63.9-155		5022664	MS	28-Feb-25	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

SSW - 1 8'
H251155-34 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		5022739	JH	01-Mar-25	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	

Surrogate: 1-Chlorooctane			87.6 %	71.8-148		5022664	MS	28-Feb-25	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			88.3 %	63.9-155		5022664	MS	28-Feb-25	8015B	
-------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

SSW - 2 4'
H251155-35 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.3 %	71.8-148		5022664	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			90.7 %	63.9-155		5022664	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

SSW - 3 2'
H251155-36 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		5022739	JH	01-Mar-25	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			94.3 %	71.8-148		5022664	MS	28-Feb-25	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			90.5 %	63.9-155		5022664	MS	28-Feb-25	8015B	
--------------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

SSW - 4 4'
H251155-37 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	144		16.0	mg/kg	4	5022825	HM	28-Feb-25	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5022739	JH	01-Mar-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5022739	JH	01-Mar-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	106 %	71.5-134	5022739	JH	01-Mar-25	8021B
---------------------------------------	-------	----------	---------	----	-----------	-------

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5022664	MS	28-Feb-25	8015B

Surrogate: 1-Chlorooctane	92.6 %	71.8-148	5022664	MS	28-Feb-25	8015B
---------------------------	--------	----------	---------	----	-----------	-------

Surrogate: 1-Chlorooctadecane	89.3 %	63.9-155	5022664	MS	28-Feb-25	8015B
-------------------------------	--------	----------	---------	----	-----------	-------

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 5022763 - 1:4 DI Water**Blank (5022763-BLK1)**

Prepared & Analyzed: 27-Feb-25

Chloride	ND	16.0	mg/kg						
----------	----	------	-------	--	--	--	--	--	--

LCS (5022763-BS1)

Prepared & Analyzed: 27-Feb-25

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

LCS Dup (5022763-BSD1)

Prepared & Analyzed: 27-Feb-25

Chloride	448	16.0	mg/kg	400	112	80-120	3.64	20	
----------	-----	------	-------	-----	-----	--------	------	----	--

Batch 5022802 - 1:4 DI Water**Blank (5022802-BLK1)**

Prepared & Analyzed: 28-Feb-25

Chloride	ND	16.0	mg/kg						
----------	----	------	-------	--	--	--	--	--	--

LCS (5022802-BS1)

Prepared & Analyzed: 28-Feb-25

Chloride	416	16.0	mg/kg	400	104	80-120			
----------	-----	------	-------	-----	-----	--------	--	--	--

LCS Dup (5022802-BSD1)

Prepared & Analyzed: 28-Feb-25

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20	
----------	-----	------	-------	-----	-----	--------	------	----	--

Batch 5022825 - 1:4 DI Water**Blank (5022825-BLK1)**

Prepared & Analyzed: 28-Feb-25

Chloride	ND	16.0	mg/kg						
----------	----	------	-------	--	--	--	--	--	--

LCS (5022825-BS1)

Prepared & Analyzed: 28-Feb-25

Chloride	416	16.0	mg/kg	400	104	80-120			
----------	-----	------	-------	-----	-----	--------	--	--	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 5022825 - 1:4 DI Water**LCS Dup (5022825-BSD1)**

Prepared & Analyzed: 28-Feb-25

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
----------	-----	------	-------	-----	--	-----	--------	------	----	--

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 5022738 - Volatiles**Blank (5022738-BLK1)**

Prepared: 27-Feb-25 Analyzed: 01-Mar-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0536		mg/kg	0.0500		107	71.5-134			

LCS (5022738-BS1)

Prepared: 27-Feb-25 Analyzed: 01-Mar-25

Benzene	1.91	0.050	mg/kg	2.00		95.6	82.8-130			
Toluene	2.07	0.050	mg/kg	2.00		104	86-128			
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	85.9-128			
m,p-Xylene	4.46	0.100	mg/kg	4.00		111	89-129			
o-Xylene	2.11	0.050	mg/kg	2.00		105	86.1-125			
Total Xylenes	6.57	0.150	mg/kg	6.00		109	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/kg	0.0500		103	71.5-134			

LCS Dup (5022738-BS1)

Prepared: 27-Feb-25 Analyzed: 01-Mar-25

Benzene	1.56	0.050	mg/kg	2.00		78.0	82.8-130	20.3	15.8	BS-3, QR-04
Toluene	1.70	0.050	mg/kg	2.00		85.0	86-128	19.7	15.9	BS-3, QR-04
Ethylbenzene	1.75	0.050	mg/kg	2.00		87.7	85.9-128	19.6	16	QR-04
m,p-Xylene	3.71	0.100	mg/kg	4.00		92.7	89-129	18.3	16.2	QR-04
o-Xylene	1.74	0.050	mg/kg	2.00		87.2	86.1-125	18.9	16.7	QR-04
Total Xylenes	5.45	0.150	mg/kg	6.00		90.9	88.2-128	18.5	16.3	QR-04
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	71.5-134			

Batch 5022739 - Volatiles**Blank (5022739-BLK1)**

Prepared: 27-Feb-25 Analyzed: 01-Mar-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 5022739 - Volatiles**Blank (5022739-BLK1)**

Prepared: 27-Feb-25 Analyzed: 01-Mar-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0532		mg/kg	0.0500		106	71.5-134			

LCS (5022739-BS1)

Prepared: 27-Feb-25 Analyzed: 01-Mar-25

Benzene	1.91	0.050	mg/kg	2.00		95.4	82.8-130			
Toluene	2.04	0.050	mg/kg	2.00		102	86-128			
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	85.9-128			
m,p-Xylene	4.37	0.100	mg/kg	4.00		109	89-129			
o-Xylene	2.06	0.050	mg/kg	2.00		103	86.1-125			
Total Xylenes	6.44	0.150	mg/kg	6.00		107	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0514		mg/kg	0.0500		103	71.5-134			

LCS Dup (5022739-BS1)

Prepared: 27-Feb-25 Analyzed: 01-Mar-25

Benzene	1.57	0.050	mg/kg	2.00		78.4	82.8-130	19.5	15.8	BS-3, QR-04
Toluene	1.71	0.050	mg/kg	2.00		85.7	86-128	17.4	15.9	BS-3, QR-04
Ethylbenzene	1.77	0.050	mg/kg	2.00		88.3	85.9-128	16.8	16	QR-04
m,p-Xylene	3.74	0.100	mg/kg	4.00		93.4	89-129	15.8	16.2	
o-Xylene	1.75	0.050	mg/kg	2.00		87.7	86.1-125	16.2	16.7	
Total Xylenes	5.49	0.150	mg/kg	6.00		91.5	88.2-128	15.9	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	71.5-134			

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 5022662 - General Prep - Organics**Blank (5022662-BLK1)**

Prepared: 26-Feb-25 Analyzed: 28-Feb-25

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	61.0		mg/kg	50.0		122	48.2-134		
Surrogate: 1-Chlorooctadecane	66.2		mg/kg	50.0		132	49.1-148		

LCS (5022662-BS1)

Prepared: 26-Feb-25 Analyzed: 28-Feb-25

GRO C6-C10	234	10.0	mg/kg	200		117	81.5-123		
DRO >C10-C28	221	10.0	mg/kg	200		111	77.7-122		
Total TPH C6-C28	456	10.0	mg/kg	400		114	80.9-121		
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.1	71.8-148		
Surrogate: 1-Chlorooctadecane	49.0		mg/kg	50.0		98.0	63.9-155		

LCS Dup (5022662-BS1)

Prepared: 26-Feb-25 Analyzed: 28-Feb-25

GRO C6-C10	215	10.0	mg/kg	200		108	81.5-123	8.56	13
DRO >C10-C28	208	10.0	mg/kg	200		104	77.7-122	6.27	15.6
Total TPH C6-C28	423	10.0	mg/kg	400		106	80.9-121	7.44	18.5
Surrogate: 1-Chlorooctane	63.1		mg/kg	50.0		126	48.2-134		
Surrogate: 1-Chlorooctadecane	69.6		mg/kg	50.0		139	49.1-148		

Batch 5022663 - General Prep - Organics**Blank (5022663-BLK1)**

Prepared: 26-Feb-25 Analyzed: 28-Feb-25

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	63.1		mg/kg	50.0		126	48.2-134		
Surrogate: 1-Chlorooctadecane	64.2		mg/kg	50.0		128	49.1-148		

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 5022663 - General Prep - Organics**LCS (5022663-BS1)**

Prepared: 26-Feb-25 Analyzed: 28-Feb-25

GRO C6-C10	205	10.0	mg/kg	200		102	81.5-123			
DRO >C10-C28	189	10.0	mg/kg	200		94.6	77.7-122			
Total TPH C6-C28	394	10.0	mg/kg	400		98.5	80.9-121			
Surrogate: 1-Chlorooctane	50.1		mg/kg	50.0		100	71.8-148			
Surrogate: 1-Chlorooctadecane	47.9		mg/kg	50.0		95.8	63.9-155			

LCS Dup (5022663-BS1)

Prepared: 26-Feb-25 Analyzed: 28-Feb-25

GRO C6-C10	203	10.0	mg/kg	200		102	81.5-123	0.901	13	
DRO >C10-C28	189	10.0	mg/kg	200		94.4	77.7-122	0.169	15.6	
Total TPH C6-C28	392	10.0	mg/kg	400		98.0	80.9-121	0.549	18.5	
Surrogate: 1-Chlorooctane	64.6		mg/kg	50.0		129	48.2-134			
Surrogate: 1-Chlorooctadecane	64.9		mg/kg	50.0		130	49.1-148			

Batch 5022664 - General Prep - Organics**Blank (5022664-BLK1)**

Prepared: 26-Feb-25 Analyzed: 28-Feb-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	47.9		mg/kg	50.0		95.8	71.8-148			
Surrogate: 1-Chlorooctadecane	47.6		mg/kg	50.0		95.2	63.9-155			

LCS (5022664-BS1)

Prepared: 26-Feb-25 Analyzed: 28-Feb-25

GRO C6-C10	200	10.0	mg/kg	200		100	81.5-123			
DRO >C10-C28	197	10.0	mg/kg	200		98.5	77.7-122			
Total TPH C6-C28	397	10.0	mg/kg	400		99.2	80.9-121			
Surrogate: 1-Chlorooctane	49.6		mg/kg	50.0		99.3	71.8-148			
Surrogate: 1-Chlorooctadecane	48.8		mg/kg	50.0		97.7	63.9-155			

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BOOT HILL 25-1 H
Project Number: NONE GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
06-May-25 16:45

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 5022664 - General Prep - Organics**LCS Dup (5022664-BSD1)**

Prepared: 26-Feb-25 Analyzed: 28-Feb-25

GRO C6-C10	199	10.0	mg/kg	200		99.7	81.5-123	0.283	13	
DRO >C10-C28	186	10.0	mg/kg	200		93.0	77.7-122	5.74	15.6	
Total TPH C6-C28	385	10.0	mg/kg	400		96.4	80.9-121	2.95	18.5	
Surrogate: 1-Chlorooctane	50.2		mg/kg	50.0		100	71.8-148			
Surrogate: 1-Chlorooctadecane	49.7		mg/kg	50.0		99.4	63.9-155			

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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

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

Celey D. Keene, Lab Director/Quality Manager



BILL TO

ANALYSIS REQUEST

† Cardinal cannot accept Verbal changes: 1998



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST																																			
Project Manager: Chris Jones		Company: *																																							
Address: 1601 N. Turner St., Ste 500		Attn:																																							
City: Hobbs		Address:																																							
Phone #: 575-964-7814		City:																																							
Fax #:		State:		Zip:																																					
Project #:		Project Owner:																																							
Project Name: *		Phone #:																																							
Project Location: *		Fax #:																																							
Sampler Name: *		PRESERV		SAMPLING																																					
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													
11		S-11		8'		1																				4/24				TPT											
12		S-12		2'		1																								BTX											
13		S-13		2'		1																								CHLORIDES											
14		S-14		3'		1																																			
15		S-15		3'		1																																			
16		S-16		3'		1																																			
17		S-17		4'		1																																			
18		S-18		4'		1																																			
19		S-19		4'		1																																			
20		S-20		4'		1																																			
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or tort, shall be limited to the amount paid by the client for the 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.</p>																																									
Relinquished By: <i>For</i>		Date: <i>8/2/25</i>		Time: <i>1:50</i>		Received By: <i>Quarles</i>		Date: <i>8/2/25</i>		Time: <i>1:50</i>		Sample Condition		CHECKED BY: (Initials)		REMARKS: <i>* Cust. requested changes. re. 5/2/25</i>																									
Delivered By: (Circle One) <i>-Circ-</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																																	
Sampler - UPS - Bus - Other: <i>-Circ- #144</i>		Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																					

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST																																																							
Project Manager: Chris Jones		P.O. #:																																																									
Address: 1601 N. Turner St., Ste 500		Company: 11																																																									
City: Hobbs		Attn:																																																									
State: NM Zip: 88240		Address:																																																									
Phone #: 575-964-7814		City:																																																									
Fax #:		State:																																																									
Project #:		Zip:																																																									
Project Name: 11		Phone #:																																																									
Project Location: 11		Fax #:																																																									
Sampler Name: 11																																																											
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		TPH										BTX										CHLORIDES									
21		5-21 4'		C		1																				2/24																																	
22		WSW-1 8'																																																									
23		WSW-2 4'																																																									
24		WSW-3 2'																																																									
25		WSW-4 3'																																																									
26		WSW-5 4'																																																									
27		PSW-1 8'																																																									
28		NSW-2 4'																																																									
29		NSW-3 4'																																																									
30		NSW-3 4'																																																									
4451155																																																											
PLEASE NOTE: Liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Relinquished By:		Date: 5.24.05		Time: 1:30		Received By: [Signature]		Date: 5.24.05		Time: 1:30		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials)		REMARKS: * Cust. requested changes re. 5/24/05																																									
Relinquished By: [Signature]		Date: 5.24.05		Time: 1:30		Received By: [Signature]		Date: 5.24.05		Time: 1:30		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials)																																													
Delivered By: (Circle One) - 9.0 - C + 0.3 -		Fax Result: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:																																																					
Sampler - UPS - Bus - Other: - 9.30 - #142		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																																																									

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO				ANALYSIS REQUEST											
Company Name: Paragon Environmental				P.O. #:											
Project Manager: Chris Jones				Company:	✓										
Address: 1601 N. Turner St., Ste 500				Attn:											
City: Hobbs				State: NM	Zip: 88240										
Phone #: 575-964-7814				Fax #:											
Project #:				Project Owner:											
Project Name: ✓				City:											
Project Location: ✓				State:	Zip:										
Sample Name: ✓				Phone #:											
FOR LAB USE ONLY				Fax #:											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTX	CHLORIDES	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						ACID/BASE:
H35115	Esw -1 8'	* C	1							2/24					
B30	Esw -2 2'														
B31	Esw -3 3'														
B32	Esw -4 4'														
B33	Esw -1 8'														
B34	SSW -2 4'														
B35	SSW -3 2'														
B36	SSW -4 4'														
B37	SSW -5 2'														
B38	SW -4 4'														

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: _____ Date: 2/26/05 Time: 1:30pm	Received By: <u>C. Paves</u>
Relinquished By: _____ Date: _____ Time: _____	Received By: _____

Delivered By: (Circle One) <u>-G.U.C./G.T.O.-</u>	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: <u>[Signature]</u>
Sampler - UPS - Bus - Other: <u>-G.T.C./-H.H.D-</u>		

REMARKS:
* Cust. Segregated charges re 5/2/05

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 468207

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 468207
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2500640377
Incident Name	NAPP2500640377 BOOT HILL 25 #001H @ 30-015-38552
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-38552] BOOT HILL 25 #001H

Location of Release Source*Please answer all the questions in this group.*

Site Name	BOOT HILL 25 #001H
Date Release Discovered	12/22/2024
Surface Owner	State

Incident Details*Please answer all the questions in this group.*

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

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

Crude Oil Released (bbls) Details	Cause: Corrosion Fitting Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Fitting Produced Water Released: 11 BBL Recovered: 10 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	CORROSION OF THE 1" NIPPLE UNDER THE PRESSURE SWITCH FAILED RELEASING 12 BBLs OF OIL AND PW ONTO THE LOCATION PAD

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 468207

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 468207
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 01/06/2025
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 468207

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 468207
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	425
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	02/17/2025
On what date will (or did) the final sampling or liner inspection occur	02/24/2025
On what date will (or was) the remediation complete(d)	02/28/2025
What is the estimated surface area (in square feet) that will be reclaimed	3100
What is the estimated volume (in cubic yards) that will be reclaimed	550
What is the estimated surface area (in square feet) that will be remediated	4000
What is the estimated volume (in cubic yards) that will be remediated	640

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 4

Action 468207

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 468207
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 05/28/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 5

Action 468207

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 468207
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 6

Action 468207

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	468207
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	433908
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/24/2025
What was the (estimated) number of samples that were to be gathered	40
What was the sampling surface area in square feet	4000

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	4000
What was the total volume (cubic yards) remediated	640
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	3100
What was the total volume (in cubic yards) reclaimed	550
Summarize any additional remediation activities not included by answers (above)	CONTAMINATED SOIL WAS REMOVED IN ACCORDANCE WITH THE MOST STRINGENT NMOCDS STANDARDS
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 05/28/2025

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 7

Action 468207

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 468207
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

CONDITIONS

Action 468207

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 468207
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	7/9/2025
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	7/9/2025