



July 3, 2023

NMOCD District 2
Mike Bratcher
Artesia, NM 88210

Bureau of Land Management
Crisha Morgan
Carlsbad Field Office

**Re: Variance Request
Riser 37
API No. N/A
GPS: Latitude 32.8410149 Longitude -104.0705795
UL "C", Sec. 15, T17S, R29E
Eddy County, NM
NMOCD Ref. No. NAPP2301536710**

Mr. Bratcher,

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment, conduct remediation activities, and request this variance for the Riser 37 (Riser).

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

We recommend installing a bentonite clay liner at a 4-foot excavation. This is where the source of the spill occurred and the area that was impacted by the incident. A site map (Figure 1) illustrates the impact area from this release. The area affected measures approximately 400 feet long and 70 feet at its widest point. The liner is proposed to encapsulate the remaining chloride impacts below 4-feet deep. The nearest groundwater was determined to be greater than 100 feet below grade surface in the area outside of Loco Hills.

Release Details			
Type of Release:	Produced Water	Volume of Release:	160 bbls
		Volume Recovered:	40 bbls
Source of Release:	Steel Line	Date of Release:	01/13/23
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	OCD Online
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	State	Mineral Owner:	Unknown
A hole developed in the steel line riser releasing produced water into the right of way and the pasture.			

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

REGULATORY FRAMEWORK

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

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

A search of the groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average groundwater depth within one (1) Mile radius of the Release Site and identify any registered water wells within ½ Mile of the Release Site. The data initially found on the State Engineers website showed there was no water data within a ½ mile radius. On March 29, 2023, a hole was drilled by Atkins Drilling in the area to determine the depth of water. The hole was drilled to a depth of 101 feet. The well was left open for several days to see if any water presented itself, none was found, and on April 3, 2023, the hole was plugged. This drilling report was submitted to the Office of the State Engineer, the OSE File # RA-13283 is also attached in Appendix A.

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

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

INITIAL SITE ASSESSMENT

On January 30, 2023, Paragon conducted an initial site assessment. During the initial site assessment, twenty-eight (28) soil samples were collected in this area to determine the vertical extent of soil impact. An additional four (4) background samples were obtained. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A table summarizing laboratory analytical results from soil samples collected during the above-stated activities is provided below:

1-30-23 Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date 1-30-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S-1	0-6"	ND	ND	ND	ND	ND	0	16000
	1	ND	ND	ND	ND	ND	0	16200
	2	ND	ND	ND	ND	ND	0	18000
	3	ND	ND	ND	ND	ND	0	13300
	4	ND	ND	ND	ND	ND	0	11600
S-2	0-6"	ND	ND	ND	ND	ND	0	20000
	1	ND	ND	ND	ND	ND	0	9000
	2	ND	ND	ND	ND	ND	0	14400
	3	ND	ND	ND	ND	ND	0	1730
	4	ND	ND	ND	ND	ND	0	2200
S-3	0-6"	0.441	ND	ND	ND	ND	0	20200
	1	ND	ND	ND	ND	ND	0	17200
	2	ND	ND	ND	ND	ND	0	25600
	3	ND	ND	ND	ND	ND	0	22400
	4	ND	ND	ND	ND	ND	0	23600
S-4	0-6"	ND	ND	ND	ND	ND	0	21200
	1	ND	ND	ND	ND	ND	0	14600
	2	ND	ND	ND	ND	ND	0	25600
	3	ND	ND	ND	ND	ND	0	22800
	4	ND	ND	ND	ND	ND	0	20000
S-5	0-6"	ND	ND	ND	ND	ND	0	18800
	1	ND	ND	ND	ND	ND	0	19000
	2	ND	ND	ND	ND	ND	0	22000
	3	ND	ND	ND	ND	ND	0	17000
S-6	0-6"	1.28	ND	ND	776	50.4	0	13200
	1	ND	ND	ND	39.8	ND	0	17800
	2	ND	ND	ND	ND	ND	0	16000
	3	ND	ND	ND	ND	ND	0	7600
S-7	0-6"	ND	ND	ND	ND	ND	0	14800
	1	ND	ND	ND	ND	ND	0	17800
	2	ND	ND	ND	ND	ND	0	23600
	3	ND	ND	ND	ND	ND	0	5920
	4	ND	ND	ND	ND	ND	0	4720
S-8	0-6"	ND	ND	ND	ND	ND	0	15000
	1	ND	ND	ND	ND	ND	0	17400
	2	ND	ND	ND	ND	ND	0	8800
	3	ND	ND	ND	ND	ND	0	2760
	4	ND	ND	ND	ND	ND	0	3600
S-9	0-6"	ND	ND	ND	13.8	ND	13.8	13400
	1	ND	ND	ND	ND	ND	0	13600
	2	ND	ND	ND	ND	ND	0	20000
	3	ND	ND	ND	ND	ND	0	3760
	4	ND	ND	ND	ND	ND	0	1680
S-10	0-6"	ND	ND	ND	ND	ND	0	15400
	1	ND	ND	ND	ND	ND	0	12600
	2	ND	ND	ND	ND	ND	0	14800
	3	ND	ND	ND	ND	ND	0	6880
	4	ND	ND	ND	ND	ND	0	3720
S-11	0-6"	ND	ND	ND	ND	ND	0	14600
	1	ND	ND	ND	ND	ND	0	15000
	2	ND	ND	ND	ND	ND	0	26000
	3	ND	ND	ND	ND	ND	0	15800
	4	ND	ND	ND	ND	ND	0	18000
S-12	0-6"	ND	ND	ND	ND	ND	0	13200
	1	ND	ND	ND	ND	ND	0	14400
	2	ND	ND	ND	ND	ND	0	3600
	3	ND	ND	ND	ND	ND	0	1760
	4	ND	ND	ND	ND	ND	0	1490
S-13	0-6"	ND	ND	ND	ND	ND	0	8200
	1	ND	ND	ND	ND	ND	0	10400
	2	ND	ND	ND	ND	ND	0	8400
	3	ND	ND	ND	ND	ND	0	112
S-14	0-6"	ND	ND	ND	ND	ND	0	15000
	1	ND	ND	ND	ND	ND	0	13000
	2	ND	ND	ND	ND	ND	0	4400
	3	ND	ND	ND	ND	ND	0	1880
	4	ND	ND	ND	ND	ND	0	2000
S-15	0-6"	ND	ND	ND	ND	ND	0	12200
	1	ND	ND	ND	ND	ND	0	9600
	2	ND	ND	ND	ND	ND	0	13000
	3	ND	ND	ND	ND	ND	0	7440
	4	ND	ND	ND	ND	ND	0	11000

S - 16	0-6"	ND	ND	ND	ND	ND	0	14800
	1	ND	ND	ND	ND	ND	0	13800
	2	ND	ND	ND	ND	ND	0	17600
	3	ND	ND	ND	ND	ND	0	13600
	4	ND	ND	ND	ND	ND	0	21200
S - 17	0-6"	ND	ND	ND	ND	ND	0	5000
	1	ND	ND	ND	ND	ND	0	13800
	2	ND	ND	ND	ND	ND	0	13800
	3	ND	ND	ND	ND	ND	0	12800
	4	ND	ND	ND	ND	ND	0	3520
S - 18	0-6"	ND	ND	ND	ND	ND	0	11400
	1	ND	ND	ND	ND	ND	0	14400
	2	ND	ND	ND	ND	ND	0	17000
	3	ND	ND	ND	ND	ND	0	6000
	4	ND	ND	ND	ND	ND	0	3520
S - 19	0-6"	ND	ND	ND	ND	ND	0	4260
	1	ND	ND	ND	ND	ND	0	14400
	2	ND	ND	ND	ND	ND	0	11100
	3	ND	ND	ND	ND	ND	0	3360
	4	ND	ND	ND	ND	ND	0	160
S - 20	0-6"	ND	ND	ND	ND	ND	0	8530
	1	ND	ND	ND	ND	ND	0	9520
	2	ND	ND	ND	ND	ND	0	20800
	3	ND	ND	ND	ND	ND	0	10000
	4	ND	ND	ND	ND	ND	0	1330
S - 21	0-6"	ND	ND	ND	ND	ND	0	8260
	1	ND	ND	ND	ND	ND	0	16100
	2	ND	ND	ND	ND	ND	0	16200
	3	ND	ND	ND	ND	ND	0	15200
	4	ND	ND	ND	ND	ND	0	4400
S - 22	0-6"	ND	ND	ND	ND	ND	0	10500
	1	ND	ND	ND	ND	ND	0	18300
	2	ND	ND	ND	ND	ND	0	22800
	3	ND	ND	ND	ND	ND	0	21600
	4	ND	ND	ND	ND	ND	0	7060
S - 23	0-6"	ND	ND	ND	189	46	235	8400
	1	ND	ND	ND	ND	ND	0	14000
	2	ND	ND	ND	ND	ND	0	24000
	3	ND	ND	ND	ND	ND	0	15400
	4	ND	ND	ND	ND	ND	0	16400
S - 24	0-6"	ND	ND	ND	ND	ND	0	11500
	1	ND	ND	ND	ND	ND	0	12400
	2	ND	ND	ND	ND	ND	0	20400
	3	ND	ND	ND	ND	ND	0	14600
	4	ND	ND	ND	ND	ND	0	12600
S - 25		ND	ND	ND	ND	ND	0	8660
		ND	ND	ND	ND	ND	0	6800
		ND	ND	ND	ND	ND	0	96
S - 26	0-6"	ND	ND	ND	ND	ND	0	12000
	1	ND	ND	ND	ND	ND	0	16300
	2	ND	ND	ND	ND	ND	0	25600
	3	ND	ND	ND	ND	ND	0	15600
	4	ND	ND	ND	ND	ND	0	9800
S - 27	0-6"	ND	ND	81.1	ND	ND	81.1	20200
	1	ND	ND	ND	ND	ND	0	12100
	2	ND	ND	ND	ND	ND	0	24400
	3	ND	ND	ND	ND	ND	0	27200
	4	ND	ND	ND	ND	ND	0	15400
S - 28	0-6"	ND	ND	ND	ND	ND	0	80
BG - 1	0-6"	ND	ND	ND	ND	ND	0	32
BG - 2	0-6"	ND	ND	ND	ND	ND	0	64
BG - 3	0-6"	ND	ND	ND	ND	ND	0	16
BG - 4	0-6"	ND	ND	ND	ND	ND	0	16

ND- Analyte Not Detected

On March 21, 2023, we returned to the site to further our vertical delineation and to also delineate the spill horizontally. We strategically chose eight spots from the original sample points to give us a broad representation of vertical samples along with an additional fifteen horizontal samples. These sample results are in the following data table.

3-21-23 Laboratory Results

NMOC Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date 3-21-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria ≤ 1,000 mg/kg			Closure Criteria ≤ 2,500 mg/kg	Closure Criteria ≤ 20,000 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRD	DRD	MRO	Total TPH	CHLORIDES
S-1	5'	--	--	--	--	--	--	4640
	6'	--	--	--	--	--	--	2800
	7'	--	--	--	--	--	--	2040
S-3	5'	--	--	--	--	--	--	2320
	6'	--	--	--	--	--	--	1160
	7'	--	--	--	--	--	--	880
S-7	5'	--	--	--	--	--	--	1300
	6'	--	--	--	--	--	--	3360
	7'	--	--	--	--	--	--	7680
S-10	5'	--	--	--	--	--	--	1180
	6'	--	--	--	--	--	--	464
	7'	--	--	--	--	--	--	384
S-13	4'	--	--	--	--	--	--	15800
	5'	--	--	--	--	--	--	4480
	6'	--	--	--	--	--	--	1280
	7'	--	--	--	--	--	--	1440
S-17	4'	--	--	--	--	--	--	8720
	5'	--	--	--	--	--	--	480
	6'	--	--	--	--	--	--	160
	7'	--	--	--	--	--	--	320
S-22	5'	--	--	--	--	--	--	1220
	6'	--	--	--	--	--	--	896
	7'	--	--	--	--	--	--	832
S-28	5'	--	--	--	--	--	--	48
	6'	--	--	--	--	--	--	16
	7'	--	--	--	--	--	--	48
S-29	0-6"	ND	ND	ND	ND	ND	ND	32
S-30	0-6"	ND	ND	ND	ND	ND	ND	32
S-31	0-6"	ND	ND	ND	ND	ND	ND	16
S-32	0-6"	ND	ND	ND	ND	ND	ND	16
S-33	0-6"	ND	ND	ND	ND	ND	ND	ND
S-34	0-6"	ND	ND	ND	ND	ND	ND	16
S-35	0-6"	ND	ND	ND	ND	ND	ND	176
S-36	0-6"	ND	ND	ND	ND	ND	ND	16
S-37	0-6"	ND	ND	ND	ND	ND	ND	48
S-38	0-6"	ND	ND	ND	ND	ND	ND	ND
S-39	0-6"	ND	ND	ND	ND	ND	ND	ND
S-40	0-6"	ND	ND	ND	ND	ND	ND	11900
S-41	0-6"	ND	ND	ND	ND	ND	ND	ND
S-42	0-6"	ND	ND	ND	ND	ND	ND	32
S-43	0-6"	ND	ND	ND	ND	ND	ND	ND
S-44	0-6"	ND	ND	ND	ND	ND	ND	ND

ND- Analyte Not Detected, -- Analyte Not Tested

We then scheduled to utilize a geoprobe to advance our vertical samples in order to obtain vertical delineation. This data was necessary in order for us to ask for this variance. We obtained samples starting at 7 feet, each soil boring obtained 4 feet of soil. We field titrated the bottom sample of each boring to determine if we needed to advance additional samples. We advanced the boring until clean results were found. We sent these samples to the lab for final analysis, those results are in the following data table. A Bore Hole Map is also attached in Figure 5.

4-25-23 Soil Boring Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date 4-25-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria ≤ 1,000 mg/kg			Closure Criteria ≤ 2,500 mg/kg	Closure Criteria ≤ 20,000 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
B-1	11'	--	--	--	--	--	--	ND
B-2	16'	--	--	--	--	--	--	ND
B-3	12'	--	--	--	--	--	--	ND
B-4	14'	--	--	--	--	--	--	32
B-5	15'	--	--	--	--	--	--	32
B-6	15'	--	--	--	--	--	--	64
B-7	13'	--	--	--	--	--	--	80
B-8	14'	--	--	--	--	--	--	32
B-9	12'	--	--	--	--	--	--	304
B-10	17'	--	--	--	--	--	--	80
B-11	14'	--	--	--	--	--	--	64
B-12	10'	--	--	--	--	--	--	32
B-13	12'	--	--	--	--	--	--	48
B-14	13'	--	--	--	--	--	--	48
B-15	11'	--	--	--	--	--	--	80
B-16	13'	--	--	--	--	--	--	192
B-17	12'	--	--	--	--	--	--	32

ND Analyte Not Detected, -- Analyte Not Tested

VARIANCE REQUEST

- Paragon will excavate this area to a depth of 4 feet BGS.
- Composite Sidewall samples will be obtained to represent no more than 200 sq/ft.
- Paragon will then install a Felt Bentonite Clay Liner at the excavation depth of 4 feet along the length of the excavation. The liner will be keyed at the edges to prevent future movement. Clean topsoil and sand will be used to backfill the area.
- The area will then be machine compacted and contoured to match the surrounding area.

Paragon requests that the incident, NAPP2301536710, be granted the variance to advance bringing the incident to closure.

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

Respectfully,



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys & OSE #RA-13283
- Appendix B – Soil Survey and FEMA Flood Map
- Appendix C – C-141
- Appendix D – Photographic Documentation
- Appendix E – Laboratory Reports



Figures:


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


Spur Energy Partners


Riser 37
API # N/A
Eddy County, NM
Site Map

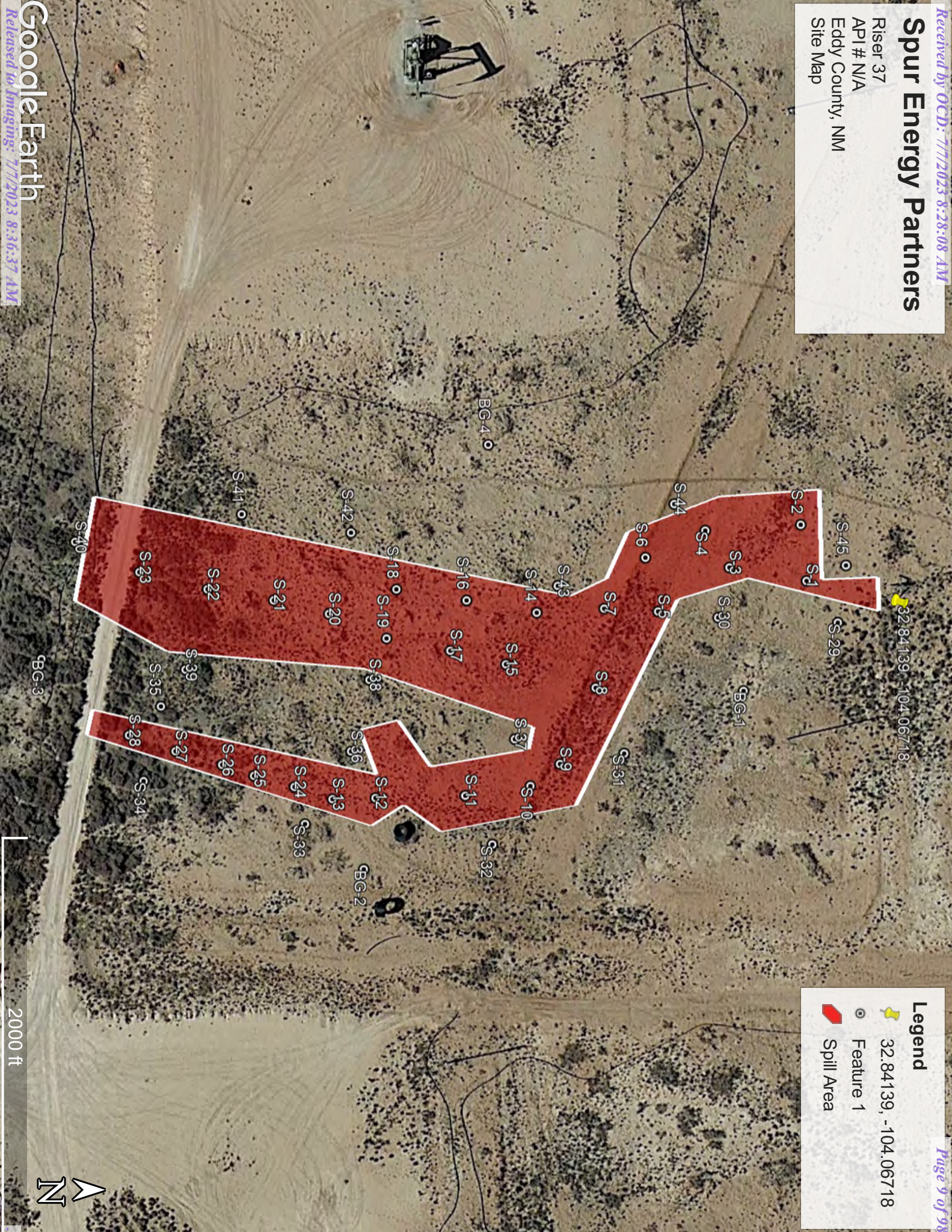
32.84139, -104.06718

Legend

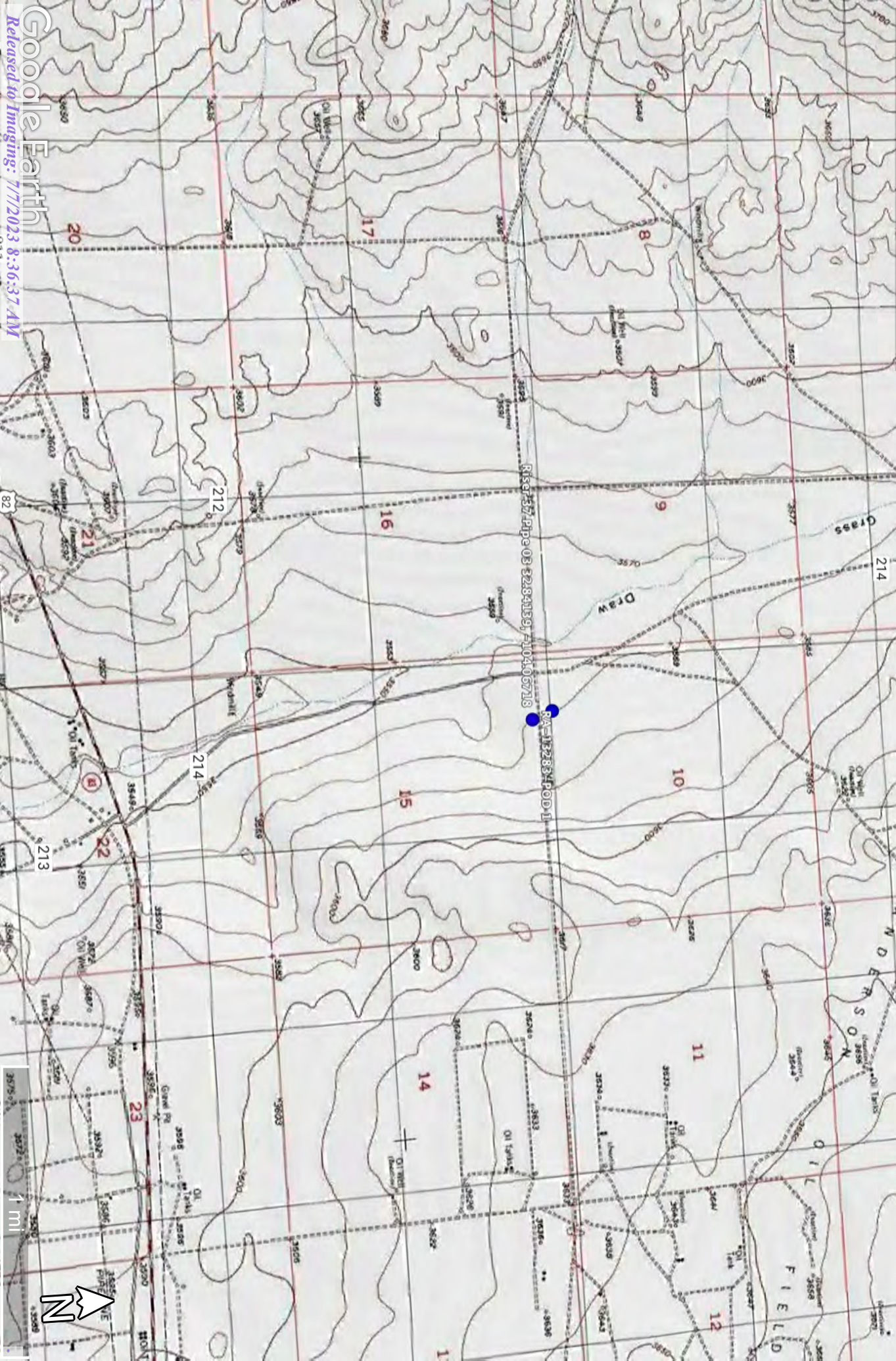
 32.84139, -104.06718

 Feature 1

 Spill Area



Spur Energy Partners
Riser 37
Eddy County, NM
Topo Map

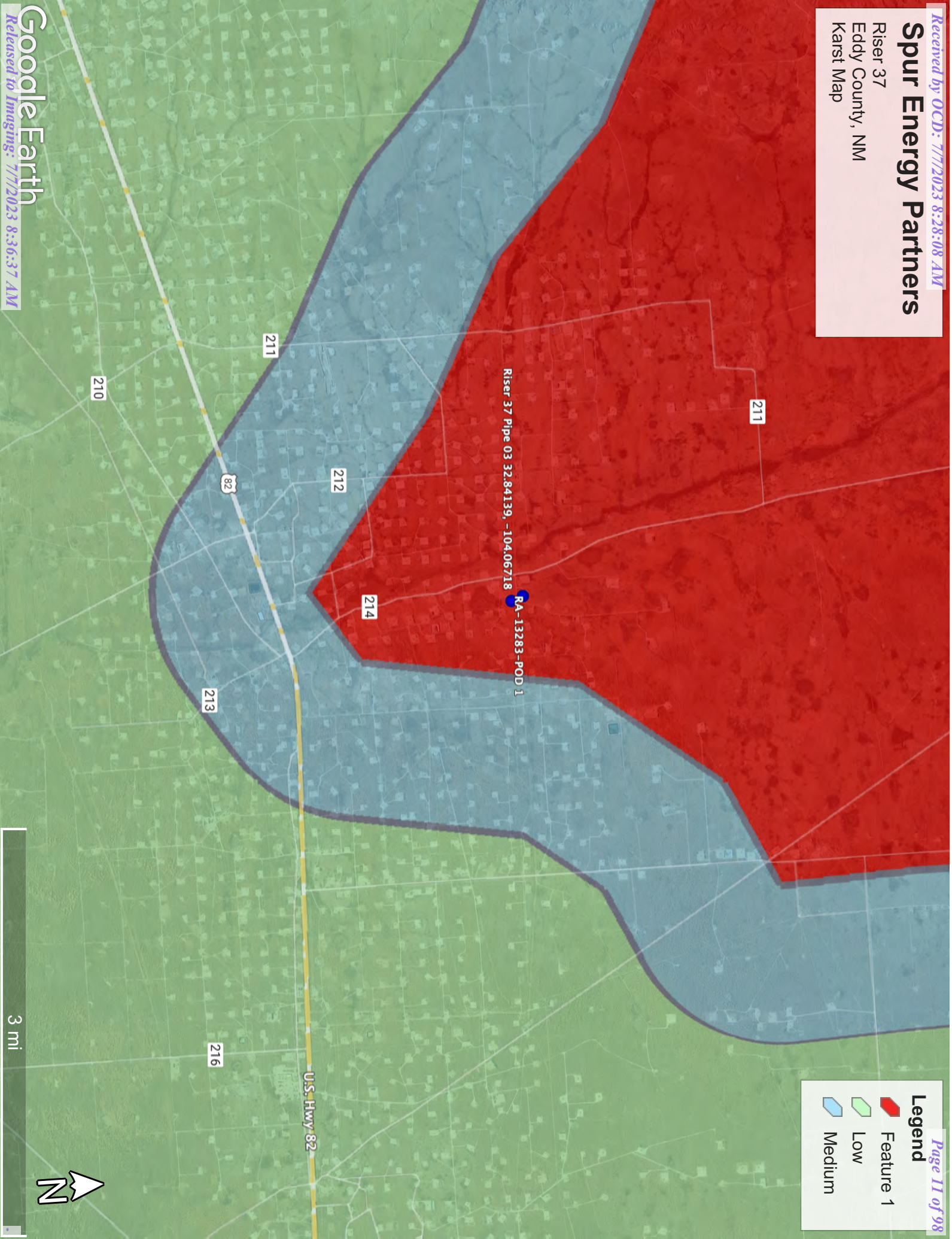


Spur Energy Partners

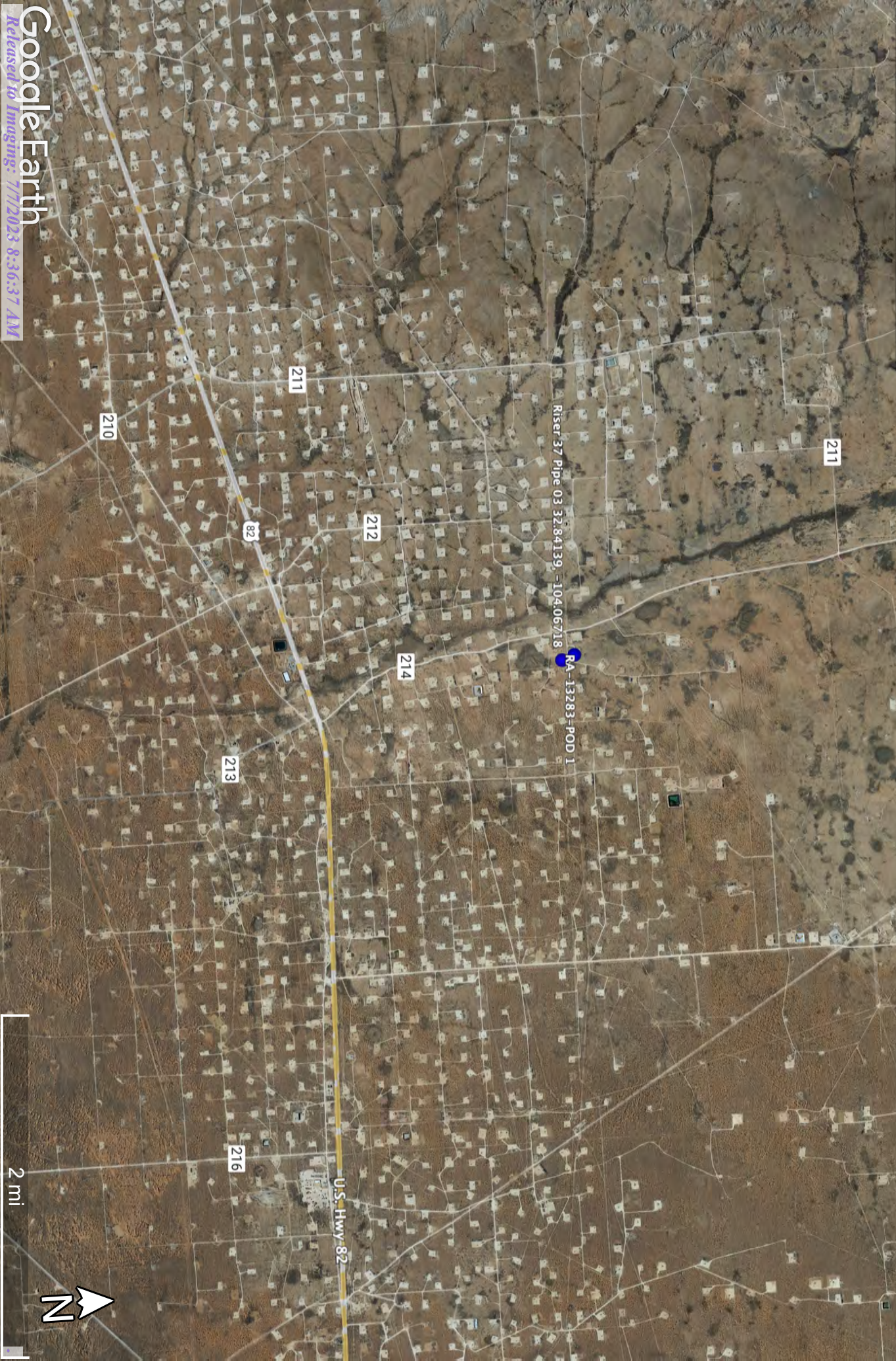
Riser 37
Eddy County, NM
Karst Map

Legend

- Feature 1
- Low
- Medium



Spur Energy Partners
Riser 37
Eddy County, NM
Aerial Map



Spur Energy Partners

Riser 37 Pipe 03
Eddy County, NM
Boring Map





Appendix A
Referenced Water Data:

New Mexico State of Engineers Office
OSE # RA-13283



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

April 10 2023

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: RA-13283 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, RA-13283 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton". The signature is fluid and cursive, with the first name "Lucas" and last name "Middleton" clearly distinguishable.

Lucas Middleton

Enclosures: as noted above

2023 APR 10 10:20:47



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). RA-13283			
	WELL OWNER NAME(S) Spur Energy Partners LLC				PHONE (OPTIONAL) 832-930-8502			
	WELL OWNER MAILING ADDRESS 9644 Katy Freeway, Suite 500				CITY Houston	STATE TX	ZIP 77024	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 50	SECONDS 32.88 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 104	4	5.39 W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SW SW Sec.10 T17S R29E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 03/29/2023	DRILLING ENDED 03/29/2023	DEPTH OF COMPLETED WELL (FT) 101	BORE HOLE DEPTH (FT) ±101	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 04/03/2023		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger				CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>			
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0 101		6.25"	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.

POD NO.

TRN NO.

LOCATION

WELL TAG ID NO.

PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	50	50	Gypsum consolidated, white	Y ✓ N	
	50	60	10	Gypsum, consolidated, with fine-grained tan sand	Y ✓ N	
	60	70	10	Sand, fine grained poorly graded, semi-consolidated, Tannish Brown	Y ✓ N	
	70	75	5	Gypsum, with fine-grained sand, White to Tan	Y ✓ N	
	75	85	10	Clay, Stiff, with silt, high dry strength, brown	Y ✓ N	
	85	95	10	Gypsum, with fine-grained sand, White to Tan	Y ✓ N	
	95	101	6	Clay, Stiff, with silt, high dry strength, Reddish brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Removed temporary well material from soil boring, backfilled with drill cutting from total depth to 10 feet below ground surface, then placed hydrated bentonite from 10 feet to ground surface. See attached plugging record.	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME <i>Jack Atkins</i> Jackie D. Atkins	DATE 04/10/2023

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION		WELL TAG ID NO.
		PAGE 2 OF 2



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: RA-13283 POD-1

Well owner: Spur Energy Partners LLC

Phone No.: 832-930-8502

Mailing address: 9655 Katy Freeway Suit 500

City: Houston

State: Texas

Zip code: 77024

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)

2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Shane Eldridge, Cameron Pruitt

4) Date well plugging began: 04/03/2023 Date well plugging concluded: 04/03/2023

5) GPS Well Location: Latitude: 32 deg, 50 min, 37.83 sec
Longitude: 104 deg, 17 min, 19.43 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 101 ft below ground level (bgl),
by the following manner: weighted tape

7) Static water level measured at initiation of plugging: n/a ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 02/27/2023

9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

DOE OIT APR 10 2023 10:47

- For each interval plugged, describe within the following columns:**

MULTIPLY		BY	AND OBTAIN
cubic feet	x	7.4805	= gallons
cubic yards	x	201.97	= gallons

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins

04/10/2023

Date _____

RA-13283-POD1-WR-20 Well Record and Log-packetforsign

Final Audit Report

2023-04-10


Created:	2023-04-10
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAAnr_fN5dTZpLTf2PMDw3WcaV4E4hR0mQK


"RA-13283-POD1-WR-20 Well Record and Log-packetforsign" History

 Document created by Lucas Middleton (lucas@atkinseng.com)
2023-04-10 - 6:04:41 PM GMT- IP address: 64.17.82.146

 Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2023-04-10 - 6:05:14 PM GMT

 Email viewed by Jack Atkins (jack@atkinseng.com)
2023-04-10 - 6:45:11 PM GMT- IP address: 64.90.153.232

 Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2023-04-10 - 6:46:58 PM GMT - Time Source: server- IP address: 64.90.153.232

 Agreement completed.
2023-04-10 - 6:46:58 PM GMT

Names and email addresses are entered into the Acrobat Sign service by Acrobat Sign users and are unverified unless otherwise noted.

USE OUR APR 10 2023 PM 2:47



Appendix B
Soil Survey:

U.S.D.A.
FEMA Flood Map

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

Eddy Area, New Mexico

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

Map Unit Setting

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

Map Unit Composition

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

Description of Reeves

Setting

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

Typical profile

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

Properties and qualities

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

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

Interpretive groups

Land capability classification (irrigated): 3s

Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: B

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Description of Gypsum Land**Setting**

Landform: Ridges, plains, hills

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

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

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8s

Hydric soil rating: No

Minor Components**Largo**

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Reagan

Percent of map unit: 5 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

Cottonwood

Percent of map unit: 5 percent

Ecological site: R070BC033NM - Salty Bottomland

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 18, Sep 8, 2022

National Flood Hazard Layer FIRMette

104°42.1'W 32°50.44'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, AE, AO, AH, VE, AR
With BFE or Depth Zone AE, AO, AH, VE, AR
Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

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

OTHER AREAS

- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRs
- Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES

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

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

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/3/2023 at 3:59 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 unmapped areas cannot be used for regulatory purposes.





Appendix C:

C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

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

Cause of Release

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

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



Appendix D:
Photographic Documentation



**Photographic Documentation
Before**





Appendix E:
Laboratory Results



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

February 06, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: RISER 37

Enclosed are the results of analyses for samples received by the laboratory on 02/01/23 9:09.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 0-6" (H230444-01)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2023	ND	1.98	99.0	2.00	1.15	
Toluene*	<0.050	0.050	02/02/2023	ND	2.14	107	2.00	0.684	
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.14	107	2.00	0.991	
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.62	110	6.00	1.26	
Total BTX	<0.300	0.300	02/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16000	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	210	105	200	9.07	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	211	106	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 0-6" (H230444-06)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.98	99.0	2.00	1.15	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	0.684	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	0.991	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.62	110	6.00	1.26	
Total BTEX	<0.300	0.300	02/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20000	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	210	105	200	9.07	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	211	106	200	13.6	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 0-6" (H230444-11)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.98	99.0	2.00	1.15	
Toluene*	0.143	0.050	02/01/2023	ND	2.14	107	2.00	0.684	
Ethylbenzene*	0.109	0.050	02/01/2023	ND	2.14	107	2.00	0.991	
Total Xylenes*	0.190	0.150	02/01/2023	ND	6.62	110	6.00	1.26	
Total BTEX	0.441	0.300	02/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20200	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 0-6" (H230444-16)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2023	ND	1.98	99.0	2.00	1.15	
Toluene*	<0.050	0.050	02/02/2023	ND	2.14	107	2.00	0.684	
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.14	107	2.00	0.991	
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.62	110	6.00	1.26	
Total BTX	<0.300	0.300	02/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	21200	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 5 0-6" (H230444-21)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/01/2023	ND	1.98	99.0	2.00	1.15		
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	0.684		
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	0.991		
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.62	110	6.00	1.26		
Total BTEX	<0.300	0.300	02/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18800	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 6 0-6" (H230444-26)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2023	ND	1.98	99.0	2.00	1.15	
Toluene*	0.166	0.050	02/02/2023	ND	2.14	107	2.00	0.684	
Ethylbenzene*	0.340	0.050	02/02/2023	ND	2.14	107	2.00	0.991	
Total Xylenes*	0.772	0.150	02/02/2023	ND	6.62	110	6.00	1.26	
Total BTEX	1.28	0.300	02/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13200	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	776	50.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	50.4	50.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 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 and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 7 0-6" (H230444-30)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2023	ND	1.98	99.0	2.00	1.15	
Toluene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	0.684	
Ethylbenzene*	<0.050	0.050	02/01/2023	ND	2.14	107	2.00	0.991	
Total Xylenes*	<0.150	0.150	02/01/2023	ND	6.62	110	6.00	1.26	
Total BTX	<0.300	0.300	02/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14800	16.0	02/02/2023	ND	432	108	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 8 0-6" (H230444-35)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2023	ND	1.98	99.0	2.00	1.15		
Toluene*	<0.050	0.050	02/02/2023	ND	2.14	107	2.00	0.684		
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.14	107	2.00	0.991		
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.62	110	6.00	1.26		
Total BTEX	<0.300	0.300	02/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15000	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 9 0-6" (H230444-40)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2023	ND	1.98	99.0	2.00	1.15		
Toluene*	<0.050	0.050	02/02/2023	ND	2.14	107	2.00	0.684		
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.14	107	2.00	0.991		
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.62	110	6.00	1.26		
Total BTEx	<0.300	0.300	02/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13400	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	13.8	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 10 0-6" (H230444-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2023	ND	2.09	105	2.00	6.95	
Toluene*	<0.050	0.050	02/02/2023	ND	2.07	104	2.00	6.38	
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.03	101	2.00	7.39	
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.14	102	6.00	6.77	
Total BTEX	<0.300	0.300	02/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15400	16.0	02/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 11 0-6" (H230444-50)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2023	ND	2.09	105	2.00	6.95		
Toluene*	<0.050	0.050	02/02/2023	ND	2.07	104	2.00	6.38		
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.03	101	2.00	7.39		
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.14	102	6.00	6.77		
Total BTEX	<0.300	0.300	02/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14600	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 12 0-6" (H230444-55)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2023	ND	2.09	105	2.00	6.95		
Toluene*	<0.050	0.050	02/02/2023	ND	2.07	104	2.00	6.38		
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.03	101	2.00	7.39		
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.14	102	6.00	6.77		
Total BTEX	<0.300	0.300	02/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13200	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 13 0-6" (H230444-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2023	ND	2.09	105	2.00	6.95		
Toluene*	<0.050	0.050	02/02/2023	ND	2.07	104	2.00	6.38		
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.03	101	2.00	7.39		
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.14	102	6.00	6.77		
Total BTEX	<0.300	0.300	02/02/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8200	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 14 0-6" (H230444-65)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2023	ND	2.09	105	2.00	6.95	
Toluene*	<0.050	0.050	02/02/2023	ND	2.07	104	2.00	6.38	
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.03	101	2.00	7.39	
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.14	102	6.00	6.77	
Total BTEX	<0.300	0.300	02/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15000	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 15 0-6" (H230444-70)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2023	ND	1.97	98.4	2.00	5.66	
Toluene*	<0.050	0.050	02/02/2023	ND	2.11	106	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.10	105	2.00	4.44	
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.45	107	6.00	2.55	
Total BTEX	<0.300	0.300	02/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12200	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 16 0-6" (H230444-75)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2023	ND	1.97	98.4	2.00	5.66		
Toluene*	<0.050	0.050	02/02/2023	ND	2.11	106	2.00	3.64		
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.10	105	2.00	4.44		
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.45	107	6.00	2.55		
Total BTEx	<0.300	0.300	02/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14800	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 17 0-6" (H230444-80)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2023	ND	1.97	98.4	2.00	5.66	
Toluene*	<0.050	0.050	02/02/2023	ND	2.11	106	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.10	105	2.00	4.44	
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.45	107	6.00	2.55	
Total BTEx	<0.300	0.300	02/02/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5000	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 18 0-6" (H230444-84)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2023	ND	1.97	98.4	2.00	5.66	
Toluene*	<0.050	0.050	02/02/2023	ND	2.11	106	2.00	3.64	
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.10	105	2.00	4.44	
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.45	107	6.00	2.55	
Total BTEX	<0.300	0.300	02/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11400	16.0	02/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/01/2023
Reported: 02/06/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/30/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 19 0-6" (H230444-89)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/02/2023	ND	1.97	98.4	2.00	5.66		
Toluene*	<0.050	0.050	02/02/2023	ND	2.11	106	2.00	3.64		
Ethylbenzene*	<0.050	0.050	02/02/2023	ND	2.10	105	2.00	4.44		
Total Xylenes*	<0.150	0.150	02/02/2023	ND	6.45	107	6.00	2.55		
Total BTEx	<0.300	0.300	02/02/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4260	16.0	02/02/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	200	99.9	200	4.89	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	197	98.4	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

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

Celey D. Keene, Lab Director/Quality Manager

Page 22 of 30

Page 23 of 30



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: SPUD																			
City: Hobbs				Attn: Brady Welber																			
Phone #: 575-964-7814				Address:																			
Fax #:				City:																			
Project #:				State:																			
Project Name: 25EV 37				Zip:																			
Project Location: Eddy County				Phone #:																			
Sample Name: 25EV 37				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING											
								GROUNDWATER															
								WASTEWATER															
								SOIL															
								OIL															
								SLUDGE															
								OTHER :															
								ACID/BASE:															
								ICE / COOL															
								OTHER :															
								DATE															
								TIME															
H230444		S-5 O-6						9/30						TPH Ext									
21		S-5		1										BTEX									
22		S-5		2										Chlorides									
23		S-5		3										Hold									
24		S-5		4																			
25		S-5		O-6																			
26		S-6		1																			
27		S-6		2																			
28		S-6		3																			
29		S-6		O-6																			
30		S-6		O-6																			

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

Relinquished By: *SPUD* **Date:** *8-1-23* **Received By:** *SPUD* **Date:** *8-1-23*

Relinquished By: *SPUD* **Date:** *8-1-23* **Received By:** *SPUD* **Date:** *8-1-23*

Delivered By: (Circle One) *575-964-7814* **Sample Condition** ☒ Cool ☒ Intact ☒ Yes ☒ No **CHECKED BY:** *SPUD*

Sampler - UPS - Bus - Other: *575-964-7814* **REMARKS:** *Email results to Chris Jones*

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST															
Project Manager: Chris Jones		Company: SPU																			
Address: 1601 N. Turner St., Ste 500		Attn: Brady Wolder																			
City: Hobbs		Address:																			
Phone #: 575-964-7814		City:																			
Fax #:		State:																			
Project #:		Zip:																			
Project Name: River 39		Phone #:																			
Project Location: Eddy County		Fax #:																			
Sampler Name: Jeremy Wolder		PRESERV:		SAMPLING																	
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		DATE		TIME													
H230444																					
31	5.9					01/30															
32	5.9																				
33	5.9																				
34	5.9																				
35	5.8																				
36	5.8																				
37	5.8																				
38	5.8																				
39	5.8																				
40	5.9																				
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																					
Relinquished By: H2. Wolder		Date: 7/25		Received By: Brady Wolder																	
Relinquished By:		Time: 0909		Received By:																	
Date: 7-1-23		Time:																			
Delivered By: (Circle One) 575-964-7814		Sample Condition		CHECKED BY:																	
Cool Impact		Cool Impact		(Initials)																	
Yes No		Yes No																			
Fax Result: Yes No		Fax Result: Yes No																			
Add'l Phone #:		Add'l Phone #:																			
Add'l Fax #:		Add'l Fax #:																			
REMARKS: Email results to Chris Jones																					

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM zip: 88240

Phone #: 575-964-7814

Project #: Project Owner: SPUR

Project Name: P-37

Project Location: Eddy County

Sampler Name: Jeffrey Mauer

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H230444

41 S-A 1

42 S-A 2

43 S-A 3

44 S-A 4

45 S-LB 0.6

46 S-LB 1

47 S-LB 2

48 S-LB 3

49 S-LB 4

50 S-LB 0.6

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH Ext

BTEX

Chlorides

Hold

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: SPUR

Attn: Brady Weller

Address:

City:

State: Zip:

Phone #:

Fax #:

Relinquished By:

Date:

Received By:

Relinquished By:

Date:

Received By:

Delivered By: (Circle One)

Sample Condition

CHECKED BY:

Sampler - UPS - Bus - Other:

Yes Yes

Initials

REMARKS:

Phone Result:

Yes

No

Add'l Phone #:

Add'l Fax #:

Stop testing over clean
100 TPH Ext. 10 Benzene

Email results to Chris Jones



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: SPUE							
City: Hobbs				Attn: Brady Walker							
Phone #: 575-964-7814				Address:							
Fax #: 575-964-7814				City:							
Project #:				State:				Zip:			
Project Name: River 37				Phone #:							
Project Location: Eddy County				Fax #:							
Sample Name: Jeremy Walker				MATRIX				SAMPLING			
FOR LAB USE ONLY				PRESERV							
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			
H23044				6/13				6/30			
61				S-13				1			
62				S-13				2			
63				S-13				3			
64				S-13				4			
65				S-14				6-16			
66				S-14				1			
67				S-14				2			
68				S-14				3			
69				S-14				4			
70				S-15				6-16			

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: <i>K.P. Mc</i>		Date: <i>6/15/09</i>		Received By: <i>Speddie</i>	
Relinquished By:		Date: <i>6-1-23</i>		Received By:	
Time:		Time:		Time:	

Delivered By: (Circle One)	Sample Condition	CHECKED BY:
<input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other	<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Impact <input type="checkbox"/> Yes <input type="checkbox"/> No	<i>SP</i> (Initials)

REMARKS: *Email results to Chris Jones*



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									
Project Manager: Chris Jones		Company: SPUE		ANALYSIS REQUEST									
Address: 1601 N. Turner St., Ste 500		Attn: Brady Webster											
City: Hobbs		Address:											
Phone #: 575-964-7814		City:											
Fax #:		State:											
Project #:		Zip:											
Project Name: 2-3er 3A		Phone #:											
Project Location: Eddy County		Fax #:											
Sampler Name: Jeremy Mauer		SAMPLING											
FOR LAB USE ONLY		DATE											
Lab I.D.		TIME											
Sample I.D.		TPH Ext											
H230444		BTEX											
71 S.15 1		Chlorides											
72 S.15 2		Held											
73 S.15 3													
74 S.15 4													
75 S.16 6													
76 S.16 1													
77 S.16 2													
78 S.16 3													
79 S.16 4													
80 S.17 0.6													
(G)RAB OR (C)OMP.													
# CONTAINERS													
GROUNDWATER													
WASTEWATER													
SOIL													
OIL													
SLUDGE													
OTHER :													
ACID/BASE:													
ICE / COOL													
OTHER :													
DATE													
TIME													
Relinquished By: J.D. Mauer													
Date: 07/30/2009													
Time: 0904													
Received By: Speedreign													
Date: 8-1-23													
Time:													
Delivered By: (Circle One) - 575-964-0.6													
Sampler - UPS - Bus - Other: - 575-964-113													
Sample Condition													
Cool													
Intact													
Yes													
No													
CHECKED BY: (initials)													
REMARKS:													
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No													
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No													
Add'l Phone #:													
Add'l Fax #:													
Email results to Chris Jones													

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs Phone #: 575-964-7814 State: NM Zip: 88240 Project #: Project Name: 2-18-34 Project Location: Edley County Sampler Name: Maryann Weaver <small>FOR LAB USE ONLY</small>				P.O. #: Company: SPUE Attn: Brady Wolder Address: City: State: Zip: Phone #: Fax #:				BILL TO				ANALYSIS REQUEST			
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME		TPH Ext BTEX Chlorides							
								(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME							
4230444 81 5.17 1 82 5.17 2 83 5.17 3 84 5.16 0.6 85 5.18 1 86 5.18 2 87 5.18 3 88 5.18 4 89 5.14 0.4 90 5.14 1															
Relinquished By: [Signature] Date: 01-13-09 Time: 0909 Received By: [Signature] Date: 2-1-23 Time:		Relinquished By: [Signature] Date: 01-13-09 Time: 0909 Received By: [Signature] Date: 2-1-23 Time:		Relinquished By: [Signature] Date: 01-13-09 Time: 0909 Received By: [Signature] Date: 2-1-23 Time:		Relinquished By: [Signature] Date: 01-13-09 Time: 0909 Received By: [Signature] Date: 2-1-23 Time:		REMARKS: Ermas 1 vessels to Chris Jones							



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

March 27, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: RISER 37

Enclosed are the results of analyses for samples received by the laboratory on 03/21/23 14:17.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 5' (H231274-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	03/23/2023	ND	432	108	400	7.14	

Sample ID: S - 1 6' (H231274-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	03/23/2023	ND	432	108	400	7.14	

Sample ID: S - 1 7' (H231274-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	03/23/2023	ND	432	108	400	7.14	

Sample ID: S - 3 5' (H231274-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	03/23/2023	ND	432	108	400	7.14	

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 6' (H231274-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1160	16.0	03/23/2023	ND	432	108	400	7.14		

Sample ID: S - 3 7' (H231274-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	03/23/2023	ND	432	108	400	7.14		

Sample ID: S - 7 5' (H231274-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	03/23/2023	ND	432	108	400	7.14		

Sample ID: S - 7 6' (H231274-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	03/23/2023	ND	432	108	400	7.14		

Sample ID: S - 7 7' (H231274-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7680	16.0	03/23/2023	ND	432	108	400	7.14		

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 10 5' (H231274-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	03/23/2023	ND	432	108	400	7.14		

Sample ID: S - 10 6' (H231274-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	03/23/2023	ND	400	100	400	7.69	

Sample ID: S - 10 7' (H231274-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	03/23/2023	ND	400	100	400	7.69	

Sample ID: S - 13 4' (H231274-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15800	16.0	03/23/2023	ND	400	100	400	7.69	

Sample ID: S - 13 5' (H231274-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	03/23/2023	ND	400	100	400	7.69	

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 13 6' (H231274-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1280	16.0	03/23/2023	ND	400	100	400	7.69		

Sample ID: S - 13 7' (H231274-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1440	16.0	03/23/2023	ND	400	100	400	7.69		

Sample ID: S - 17 4' (H231274-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8720	16.0	03/23/2023	ND	400	100	400	7.69		

Sample ID: S - 17 5' (H231274-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	03/23/2023	ND	400	100	400	7.69	

Sample ID: S - 17 6' (H231274-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/23/2023	ND	400	100	400	7.69	

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 17 7' (H231274-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	03/23/2023	ND	400	100	400	7.69	

Sample ID: S - 22 5' (H231274-21)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	03/23/2023	ND	400	100	400	7.69	

Sample ID: S - 22 6' (H231274-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	03/23/2023	ND	400	100	400	7.69	

Sample ID: S - 22 7' (H231274-23)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	03/23/2023	ND	400	100	400	7.69	

Sample ID: S - 28 5' (H231274-24)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/23/2023	ND	400	100	400	7.69	

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 28 6' (H231274-25)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/23/2023	ND	400	100	400	7.69		

Sample ID: S - 28 7' (H231274-26)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/23/2023	ND	400	100	400	7.69	

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 29 0-6" (H231274-27)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398		
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38		
Total BTEX	<0.300	0.300	03/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/23/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	168	83.9	200	6.77	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	176	87.8	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 30 0-6" (H231274-28)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTEX	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/23/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	168	83.9	200	6.77	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	176	87.8	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 31 0-6" (H231274-29)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTEx	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/23/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	168	83.9	200	6.77	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	176	87.8	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 32 0-6" (H231274-30)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTEX	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/23/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	168	83.9	200	6.77	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	176	87.8	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 33 0-6" (H231274-31)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398		
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38		
Total BTEX	<0.300	0.300	03/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 34 0-6" (H231274-32)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTEX	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/23/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 35 0-6" (H231274-33)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTEX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/23/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 36 0-6" (H231274-34)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTEX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/23/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 37 0-6" (H231274-35)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTEX	<0.300	0.300	03/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 38 0-6" (H231274-36)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTEX	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 39 0-6" (H231274-37)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTEX	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 40 0-6" (H231274-38)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTX	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11900	16.0	03/23/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 41 0-6" (H231274-39)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.12	106	2.00	0.398	
Toluene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.76	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.14	107	2.00	1.30	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.73	112	6.00	2.38	
Total BTEX	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/22/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 42 0-6" (H231274-40)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEX	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 43 0-6" (H231274-41)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2023	ND	2.07	104	2.00	1.21	
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97	
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18	
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97	
Total BTEx	<0.300	0.300	03/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/21/2023
Reported: 03/27/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 03/21/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 44 0-6" (H231274-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/23/2023	ND	2.07	104	2.00	1.21		
Toluene*	<0.050	0.050	03/23/2023	ND	2.09	105	2.00	1.97		
Ethylbenzene*	<0.050	0.050	03/23/2023	ND	2.18	109	2.00	1.18		
Total Xylenes*	<0.150	0.150	03/23/2023	ND	6.72	112	6.00	1.97		
Total BTEx	<0.300	0.300	03/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/23/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/23/2023	ND	167	83.6	200	3.16	
DRO >C10-C28*	<10.0	10.0	03/23/2023	ND	179	89.6	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	03/23/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

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

Celey D. Keene, Lab Director/Quality Manager

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST																									
Project Manager: Chris Jones		Company: SPUE																													
Address: 1601 N. Turner St., Ste 500		Attn: Bradley Winkler																													
City: Hobbs		Address:																													
State: NM zip: 88240		City:																													
Phone #: 575-964-7814		State:																													
Fax #:		Zip:																													
Project #:		Project Location: Edley Co.																													
Project Name: 2-sev 37		Phone #:																													
Sample Name: 2-sev 37		Fax #:																													
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		Chlorides	
H33/374		5'																													
1		5.1																													
2		5.1																													
3		5.1																													
4		5.3																													
5		5.3																													
6		5.3																													
7		5.3																													
8		5.3																													
9		5.3																													
10		5.3																													

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

Relinquished By: [Signature]		Date: 03/21		Received By: [Signature]		Date: 03/21	
Relinquished By:		Time:		Received By:		Time:	

Delivered By: (Circle One)		Sample Condition		CHECKED BY: [Signature]	
Sampler - UPS - Bus - Other:		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		[Signature]	

REMARKS: Email results to Chris Jones

Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	



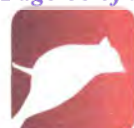
CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]

[illegible]



CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]

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

[illegible]



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

April 28, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: RISER 37

Enclosed are the results of analyses for samples received by the laboratory on 04/26/23 8:57.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/26/2023
Reported: 04/28/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 04/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B - 1 11' (H232028-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2023	ND	432	108	400	0.00		

Sample ID: B - 2 16' (H232028-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2023	ND	432	108	400	0.00		

Sample ID: B - 3 12' (H232028-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/28/2023	ND	432	108	400	0.00		

Sample ID: B - 4 14' (H232028-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/28/2023	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/26/2023
Reported: 04/28/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 04/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B - 5 15' (H232028-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/28/2023	ND	432	108	400	0.00		

Sample ID: B - 6 15' (H232028-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/28/2023	ND	432	108	400	0.00	

Sample ID: B - 7 13' (H232028-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/28/2023	ND	432	108	400	0.00		

Sample ID: B - 8 14' (H232028-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/28/2023	ND	432	108	400	0.00	

Sample ID: B - 9 12' (H232028-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/28/2023	ND	384	96.0	400	8.00	

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/26/2023
Reported: 04/28/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 04/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B - 10 17' (H232028-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/28/2023	ND	384	96.0	400	8.00		

Sample ID: B - 11 14' (H232028-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/28/2023	ND	384	96.0	400	8.00		

Sample ID: B - 12 10' (H232028-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/28/2023	ND	384	96.0	400	8.00		

Sample ID: B - 13 12' (H232028-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/28/2023	ND	384	96.0	400	8.00	

Sample ID: B - 14 13' (H232028-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/28/2023	ND	384	96.0	400	8.00	

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/26/2023
Reported: 04/28/2023
Project Name: RISER 37
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 04/25/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: B - 15 11' (H232028-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/28/2023	ND	384	96.0	400	8.00		

Sample ID: B - 16 13' (H232028-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/28/2023	ND	384	96.0	400	8.00	

Sample ID: B - 17 12' (H232028-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/28/2023	ND	384	96.0	400	8.00		

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs Phone #: 575-964-7814 State: NM zip: 88240 Project #: Project Name: Zsgr 37 Project Location: Eddy County Sampler Name: Jeremy Munk FOR LAB USE ONLY				P.O. #: Company: SPLD Attn: Bradley Molder Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. Sample I.D.				BILL TO			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.				ANALYSIS REQUEST			
Relinquished By: <i>for. mks</i> Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other:				REMARKS:			
Date: 04/26 Time: 0857 Date: Time:				Received By: Received By:			
Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Initial <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: (Initials)			
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:				Cardinal cannot accept verbal changes. Please fax written changes to 15751 202 7706			



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																																					
Project Manager: Chris Jones		Company: SPW2		ANALYSIS REQUEST																																					
Address: 1601 N. Turner St., Ste 500		Attn: Bradley Molder																																							
City: Hobbs		Address:																																							
Phone #: 575-964-7814		City:																																							
Fax #:		State:																																							
Project #:		Zip:																																							
Project Name: River 37		Phone #:																																							
Project Location: Eddy County		Fax #:																																							
Sampler Name: Jeremy Molder																																									
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													
H232038		3-11		14'																						04/25				Chlorides											
11		3-11		14'																																					
12		3-12		10'																																					
13		3-13		12'																																					
14		3-14		13'																																					
15		3-15		11'																																					
14		3-14		15'																																					
17		3-17		12'																																					
PLEASE NOTE: Liability and Damages, Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.														Relinquished By: <i>KE-ME</i>		Date: 04/26		Time: 0857		Received By: <i>Jeremy Molder</i>		Date: 04/26		Time: 0857		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
Delivered By: (Circle One)														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
Sampler - UPS - Bus - Other: <i>0.4c/-0.2c</i>														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>VB</i>													
														Relinquished By:		Date																									

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

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

CONDITIONS

Action 237076

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 237076
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Variance Request for a Bentonite Clay Liner at 4 ft below ground surface is approved. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please include this e-mail correspondence in the remediation and/or closure report. The variance request report was manually uploaded to the incident file through creation of a new App ID.	7/7/2023