



July 11, 2023

NMOCD District 2
Mike Bratcher
Artesia, NM 88210

Bureau of Land Management
Crisha Morgan
Carlsbad Field Office

Re: Site Assessment, Remediation, and Closure Report
Skelly Unit #634
API No. 30-015-36965
GPS: Latitude 32.82791 Longitude -103.84127
UL "N", Sec. 14, T17S, R31E
Eddy County, NM
NMOCD Ref. No. nAPP2300948844

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment and conduct remediation activities for the release site known as the Skelly Unit 634 (Skelly). Details of the release are summarized below:

Release Details			
Type of Release:	Produced Water / Crude Oil	Volume of Release:	7 bbls
		Volume Recovered:	4 bbls
Source of Release:	Water line	Date of Release:	1/8/23
Was Immediate Notice Given?	No	If, Yes, to Whom?	N/A
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	Federal	Mineral Owner:	Federal
A flow line blew out due to a suspected bad flow line kill releasing an oil and produced water mix onto the pad and into 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	50'
Within 330 ft. of any continuously flowing or significant watercourse?	NO
Within 200 ft. of any lakebed, sinkhole, or playa lake?	NO
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	NO
Within 500 ft. of a spring, 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?	NO
Within a 100-year floodplain?	NO

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

Depth to groundwater information is provided in Appendix A.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and Piedmont deposits (Holocene to middle Pleistocene)- Interlayered eolian sands and piedmont- slope deposits along the eastern flank of the Pecos River Valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits. (QEP). The soil in this area is made up of Kermit Berino Fine Sands, with 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are excessively-drained. There is NOT a high potential for karst geology to be present around the Skelly (Figure #3).

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

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

INITIAL SITE ASSESSMENT

On January 26th, 2023, Paragon conducted an initial site assessment. During the initial site assessment, it was determined to gather samples in the area where the spill had flowed from the well head down to the west side of the pad and onto the pasture. Ten (10) soil samples were collected in this area in an effort to determine the vertical extent of soil impact. Three (3) background and twelve (12) “side samples were collected outside the spill area in order to determine the horizontal extent of soil impact. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. The tables summarizing laboratory analytical results from soil samples collected during the above-stated activities are provided below:

01-26-23 Sample Results (Vertical Delineation)

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 1-26-23		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	ND	6600
	1	--	--	--	--	--	--	3360
	2	--	--	--	--	--	--	464
S-2	0-6	ND	ND	ND	551	ND	551	12700
	1	--	--	ND	ND	ND	ND	12000
	2	--	--	--	--	--	--	3440
	3	--	--	--	--	--	--	128
S-3	0-6	13.8	ND	341	4030	669	5040	11700
	1	--	--	ND	42.4	ND	42.4	6260
	2	--	--	--	--	--	--	2600
	3	--	--	--	--	--	--	368
S-4	0-6	ND	ND	ND	174	12.9	186.9	10800
	1	--	--	ND	ND	ND	ND	5460
	2	--	--	--	--	--	--	240
S-5	0-6	ND	ND	ND	28.2	ND	28.2	6260
	1	--	--	--	--	--	--	11200
	2	--	--	--	--	--	--	8240
	3	--	--	--	--	--	--	288
S-6	0-6	127	ND	2150	6800	1140	10090	12000
	1	ND	ND	ND	ND	ND	ND	16800
	2	--	--	--	--	--	--	17600
	3	--	--	--	--	--	--	464
S-7	0-6	316	8.08	3330	10000	1730	15060	2960
	1	66.8	ND	919	4120	495	5534	17200
	2	ND	ND	ND	127	20.2	147.2	3640
	3	--	--	ND	661	101	762	3600
	4	--	--	ND	132	24.2	156.2	2080
S-8	0-6	ND	ND	ND	28.9	12.5	41.4	576
S-9	0-6	0.309	ND	105	401	63.6	569.6	112
	1	--	--	ND	58.5	ND	58.5	--
S-10	0-6	1850	61.5	12300	39200	6600	58100	48
	1	699	ND	5320	20400	2780	28500	--
	2	ND	ND	13	204	33.4	250.4	--
	3	--	--	11.6	200	31.1	242.7	--
	4	--	--	ND	92.5	15.8	108.3	--

(ND) Analyte Not Detected / (--) Analyte Not Tested

01-26-23 Sample Results (Horizontal Delineation)

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 1-26-23		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
BG-1	0-6	ND	ND	ND	ND	ND	ND	32
BG-2	0-6	ND	ND	ND	ND	ND	ND	16
BG-3	0-6	ND	ND	ND	ND	ND	ND	16
SW-1	0-6	ND	ND	ND	11.2	12.9	24.1	112
SW-2	0-6	ND	ND	ND	ND	ND	ND	64
SW-3	0-6	ND	ND	ND	ND	ND	ND	96
SW-4	0-6	ND	ND	ND	ND	ND	ND	48
SW-5	0-6	ND	ND	ND	ND	ND	ND	48
SW-6	0-6	ND	ND	ND	ND	ND	ND	48
SW-7	0-6	ND	ND	ND	17.3	ND	17.3	32
SW-8	0-6	ND	ND	ND	ND	ND	ND	32
SW-9	0-6	ND	ND	ND	ND	ND	ND	32
SW-10	0-6	ND	ND	ND	ND	ND	ND	48
SW-11	0-6	ND	ND	ND	ND	ND	ND	272
SW-12	0-6	ND	ND	ND	ND	ND	ND	4920

(ND) Analyte Not Detected

A Site Map is provided in Figure #1.

REMEDIATION ACTIVITIES

On June 5, 2023, Paragon mobilized personnel and equipment to conduct remedial activities. Based on the site characteristics and field observations made during the site assessment, the following details the remedial activities we conducted to advance the Release Site toward an NMOCD-approved site closure.

Our scope of work was as follows (The following sample names have been updated to match our confirmation sample map):

- In the vicinity of S-1 to S-8 we excavated to a depth of 3' BGS.
- In the vicinity of S-9 to S-12 we excavated to 5' BGS.
- In the vicinity of S-13 to S-16 we excavated to 3' BGS.

An email notification was sent to the NMOCD prior to obtaining confirmation samples. We utilized 5-point bottom composite sampling and sidewall composite sampling, where each sample was representative of no more than 200 sq/ft. The results of this sampling event are in the following data table.

6-9-23 Confirmation Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 6-9-23	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S - 1 2'	ND	ND	ND	13.8	ND	13.8	256
S - 2 3'	ND	ND	ND	ND	ND	0	16
S - 3 3'	ND	ND	ND	ND	ND	0	16
S - 4 3'	ND	ND	ND	ND	ND	0	32
S - 5 3'	ND	ND	ND	ND	ND	0	128
S - 6 3'	ND	ND	ND	ND	ND	0	ND
S - 7 3'	ND	ND	ND	ND	ND	0	32
S - 8 3'	ND	ND	ND	ND	ND	0	ND
S - 9 5'	ND	ND	ND	ND	ND	0	ND
S - 10 5'	ND	ND	ND	ND	ND	0	ND
S - 11 5'	ND	ND	ND	ND	ND	0	48
S - 12 5'	ND	ND	ND	ND	ND	0	48
S - 13 3'	ND	ND	ND	ND	ND	0	48
S - 14 3'	ND	ND	ND	ND	ND	0	32
S - 15 3'	ND	ND	ND	ND	ND	0	32
S - 16 3'	ND	ND	ND	ND	ND	0	32
NSW - 1 2'	ND	ND	ND	ND	ND	0	64
NSW - 2 3'	ND	ND	ND	ND	ND	0	304
NSW - 3 3'	ND	ND	ND	ND	ND	0	272
NSW - 4 3'	ND	ND	ND	ND	ND	0	320
NSW - 5 5'	ND	ND	ND	ND	ND	0	192
NSW - 6 3'	ND	ND	ND	ND	ND	0	ND
NSW - 7 3'	ND	ND	ND	ND	ND	0	304
NSW - 8 3'	ND	ND	ND	ND	ND	0	ND
ESW - 1 2'	ND	ND	ND	ND	ND	0	32
SSW - 1 2'	ND	ND	ND	10.9	ND	10.9	112
SSW - 2 3'	ND	ND	ND	ND	ND	0	32
SSW - 3 3'	ND	ND	ND	ND	ND	0	80
SSW - 4 3'	ND	ND	ND	ND	ND	0	48
SSW - 5 5'	ND	ND	ND	ND	ND	0	240
SSW - 6 3'	ND	ND	ND	ND	ND	0	32
SSW - 7 3'	ND	ND	ND	ND	ND	0	336
SSW - 8 3'	ND	ND	ND	ND	ND	0	256
WSW - 1 3'	ND	ND	ND	ND	ND	0	32
WSW - 2 3'	ND	ND	ND	ND	ND	0	32
WSW - 3 3'	ND	ND	ND	ND	ND	0	304

(ND) Analyte Not Detected

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

CLOSURE REQUEST

After careful review, Paragon requests that the incident, nAPP2300948844, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

If you have any questions or need additional information, please get in touch with Tristan Jones by phone at (575)631-6977 or email at chris@paragonenvironmental.net

Respectfully,



Tristan Jones
Project Coordinator
Paragon Environmental, LLC



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

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

Appendices:

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



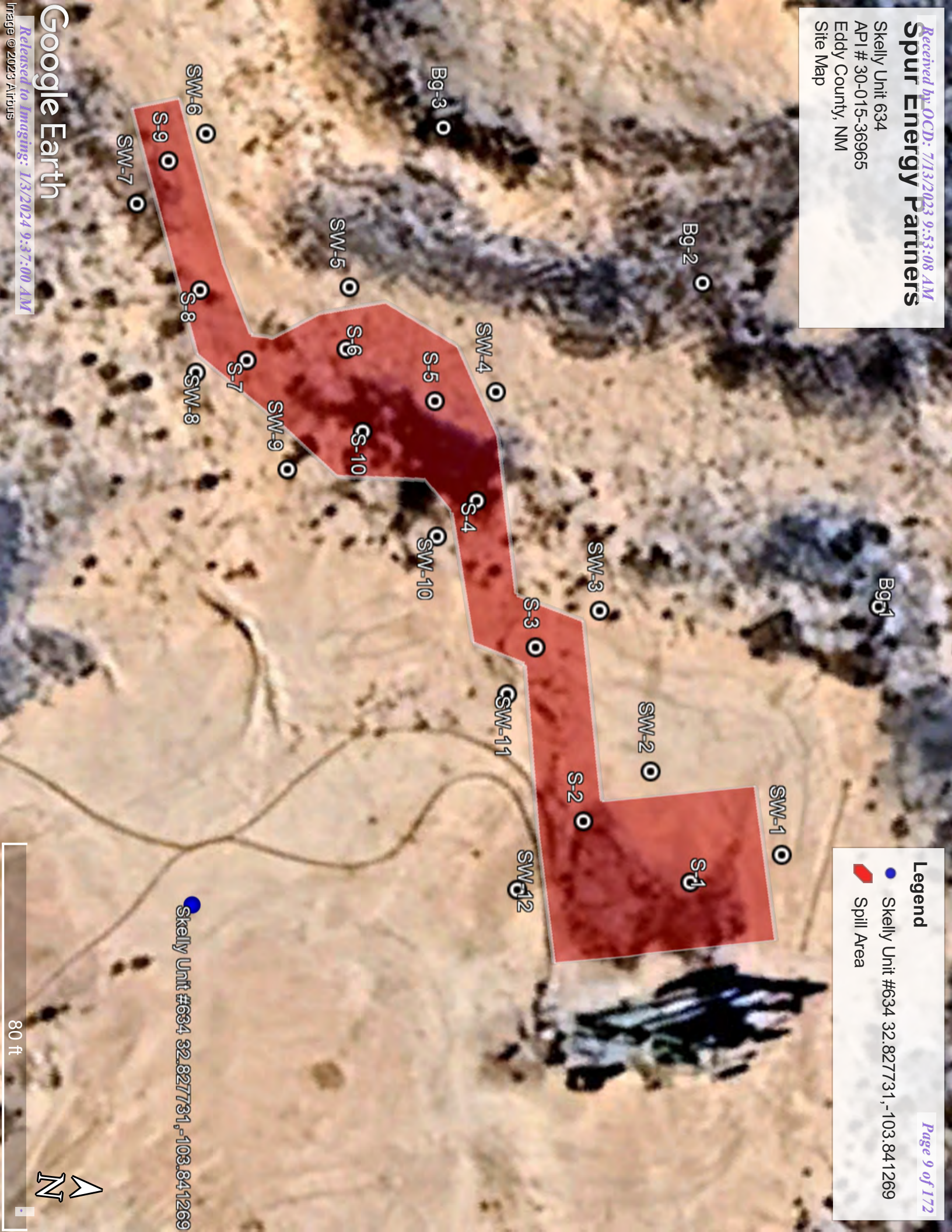
Figures:

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

Skelly Unit 634
API # 30-015-36965
Eddy County, NM
Site Map

Legend

- Skelly Unit #634 32.827731,-103.841269
- Spill Area

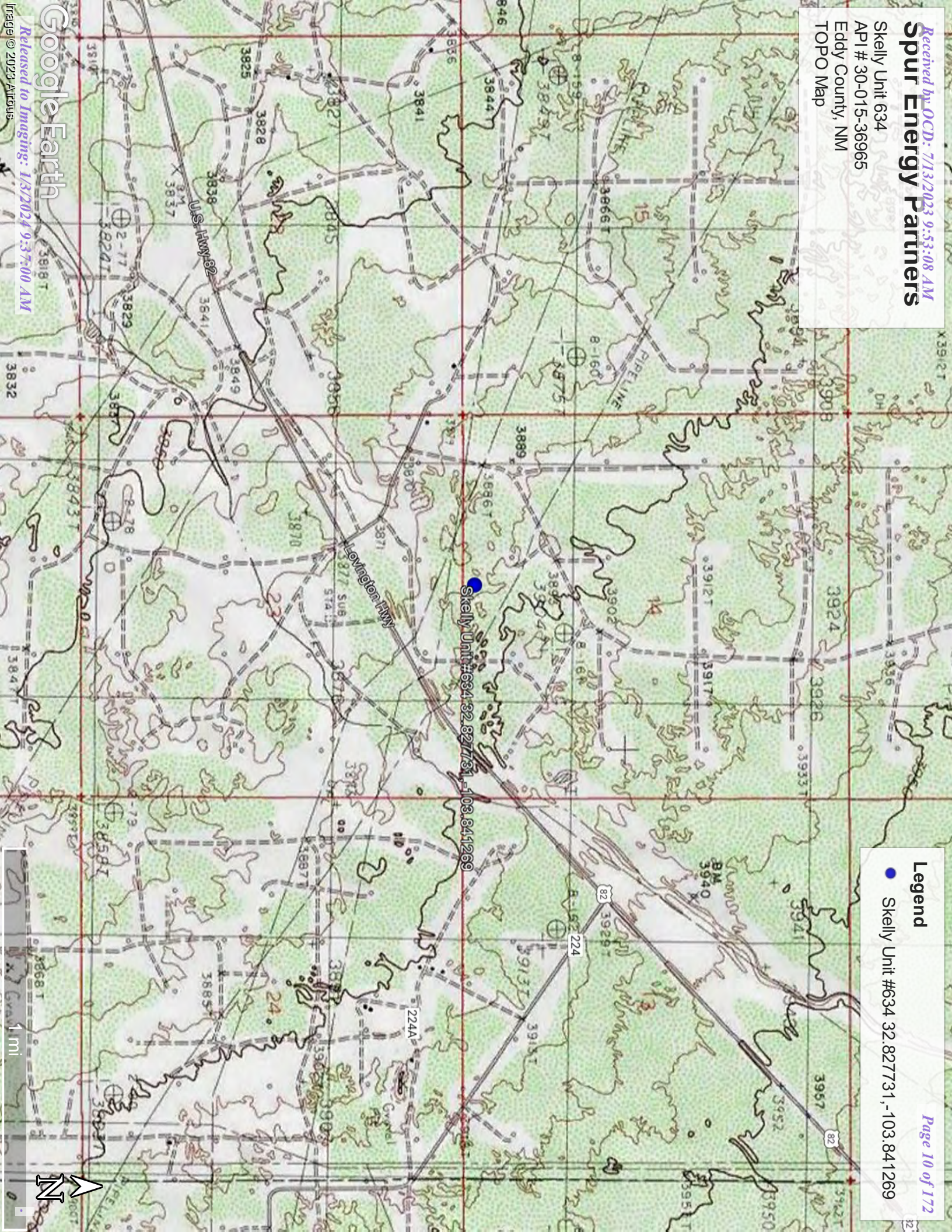


80 ft

Skelly Unit 634
API # 30-015-36965
Eddy County, NM
TOPO Map

Legend

- Skelly Unit #634 32.827731, -103.841269



Skelly Unit 634
API # 30-015-36965
Eddy County, NM
Karst Map

Legend

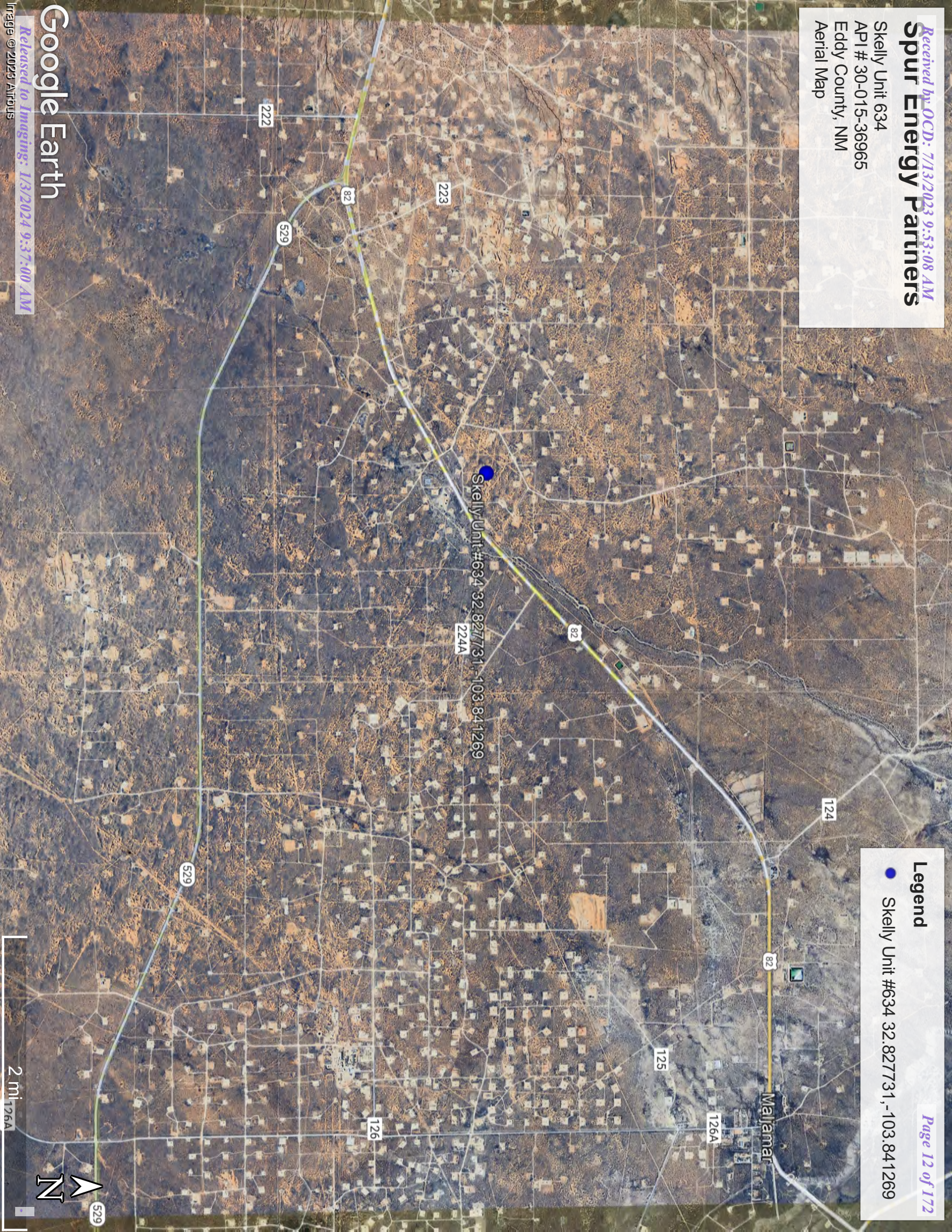
-  High
-  Low
-  Medium
-  Skelly Unit #634 32.827731, -103.841269



Skelly Unit 634
API # 30-015-36965
Eddy County, NM
Aerial Map

Legend

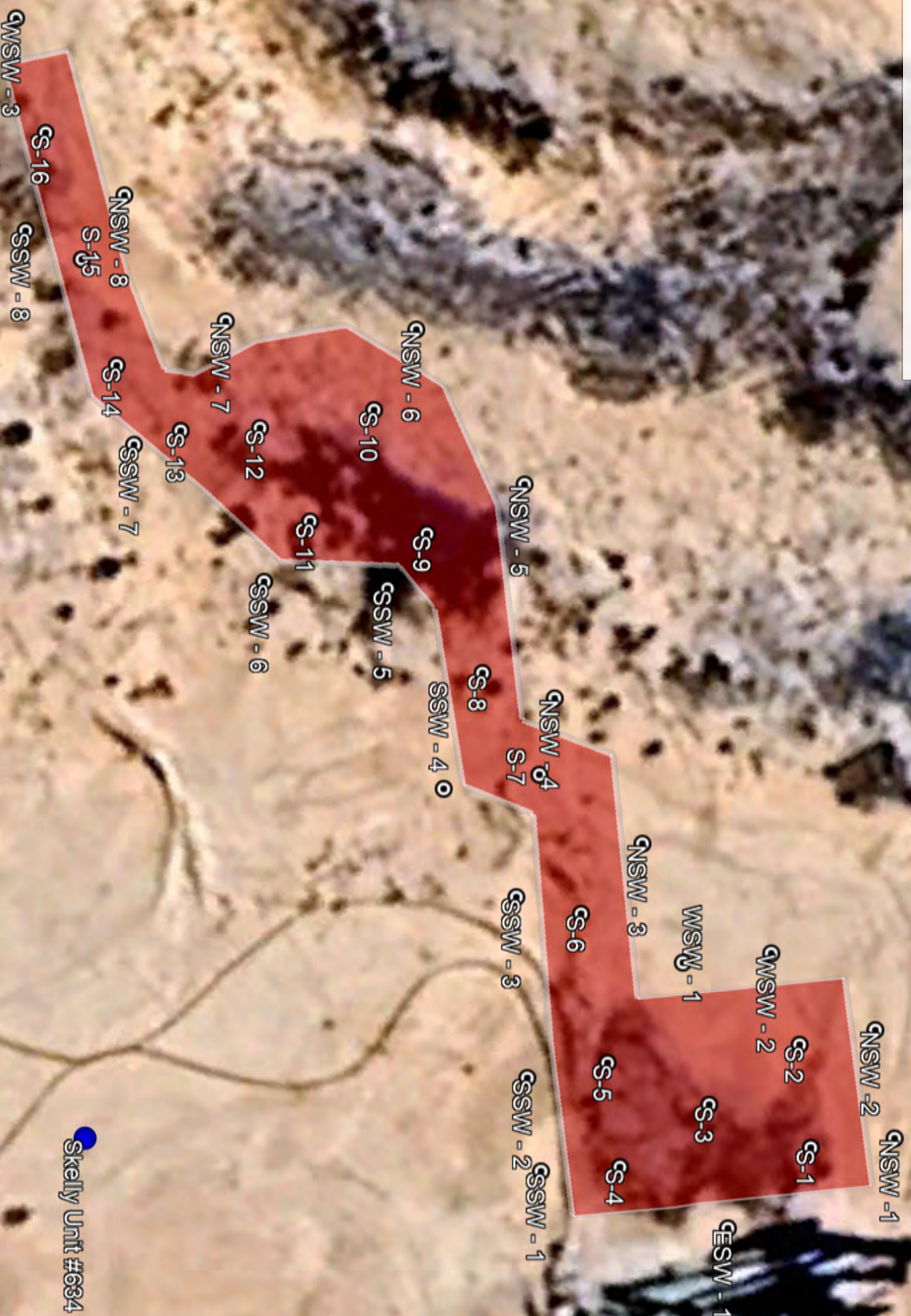
- Skelly Unit #634 32.827731, -103.841269



Skelly Unit 634
API # 30-015-36965
Eddy County, NM
Confirmation Sample Map

Legend

- Skelly Unit #634 32.827731,-103.841269
- Spill Area





Appendix A
Referenced Water Data:

New Mexico State of Engineers Office



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec 24	Twps 22S	Rng 30E	X	Y	Distance	DepthWell	DepthWater	Water Column
C 02637		CUB	ED	1	3	3	24	22S	30E	608950	3582377*	382	759		
C 02950 EXPL		CUB	ED	4	2	4	23	22S	30E	608740	3582576*	637	845		
Average Depth to Water:														--	
Minimum Depth:														--	
Maximum Depth:														--	

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 609011.152

Northing (Y): 3581999.291

Radius: 1600

*UTM location was derived from PLSS - see Help

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



Appendix B
Soil Survey:

U.S.D.A.

FEMA Flood Map

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q
Elevation: 3,100 to 4,200 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent
Berino and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit

Setting

Landform: Plains, alluvial fans
Landform position (three-dimensional): Talf, rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand
H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
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





103°50'47"W 32°22'26"N














Legend




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

SPECIAL FLOOD HAZARD AREAS	 Without Base Flood Elevation (BFE) Zone A, V, A99 With BFE or Depth Zone AE, AO, AH, VE, AR  Regulatory Floodway
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 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 Future Conditions 1% Annual Chance Flood Hazard Zone X
 Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 Area with Flood Risk due to Levee Zone D

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

 20.2 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	
OTHER FEATURES	 Hydrographic Feature

MAP PANELS	 Digital Data Available
	 No Digital Data Available
	 Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/12/2023 at 11:02 AM 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 unmoderized 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: <u>Jocelyn Harimon</u>	Date: <u>01/09/2023</u>

Incident ID	nAPP2300948844
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2300948844
District RP	
Facility ID	
Application ID	

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

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 7/13/23

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD Only

Received by: Shelly Wells

Date: 7/13/2023

Incident ID	nAPP2300948844
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 7/13/23

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____

Date: _____

Incident ID	nAPP2300948844
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 7/13/23

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD Only

Received by: Shelly Wells

Date: 7/13/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



Appendix D:

Email Notification

Photographic Documentation

Tuesday, July 11, 2023 at 18:03:17 Mountain Daylight Time

Subject: Skelly 634

Date: Tuesday, June 6, 2023 at 9:58:49 AM Mountain Daylight Time

From: Angel Pena

To: Bratcher, Michael, EMNRD, Chris Jones, Hamlet, Robert, EMNRD, Harimon, Jocelyn, EMNRD, Nobui, Jennifer, EMNRD, Tristan Jones

All,

Good morning ! This is to inform you all we will be collecting confirmation samples at the Skelly 634 ,06-09-23 at 9:00 AM . If you have any questions or concerns, please let me know.

Incident number~nAPP2300948844

Thank You,

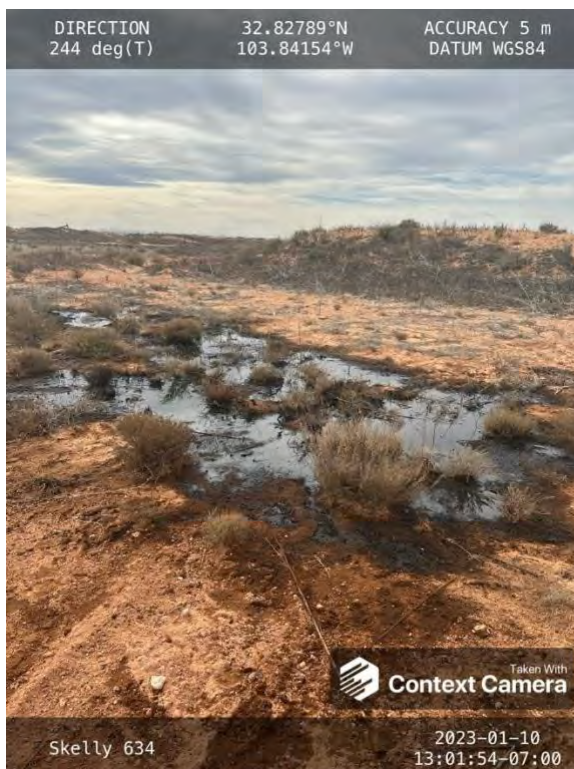
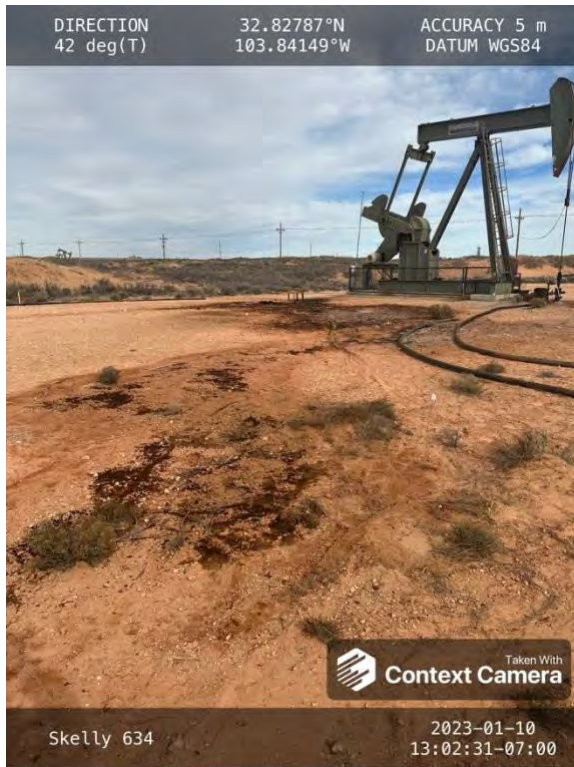
Angel Peña

575-605-0773

Paragon Environmental LLC.



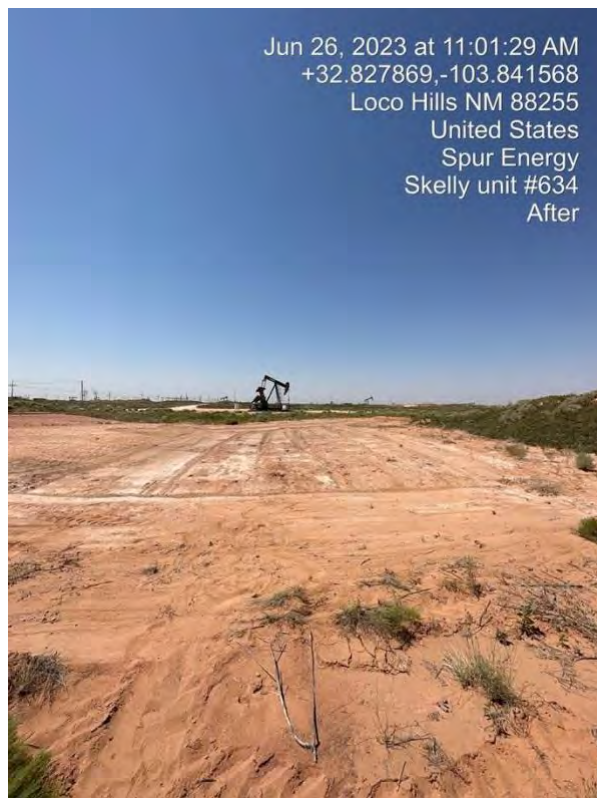
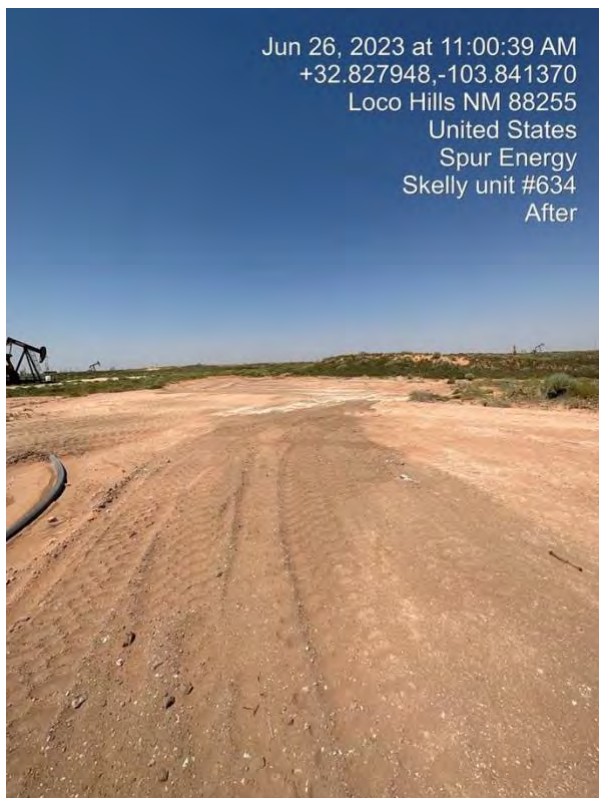
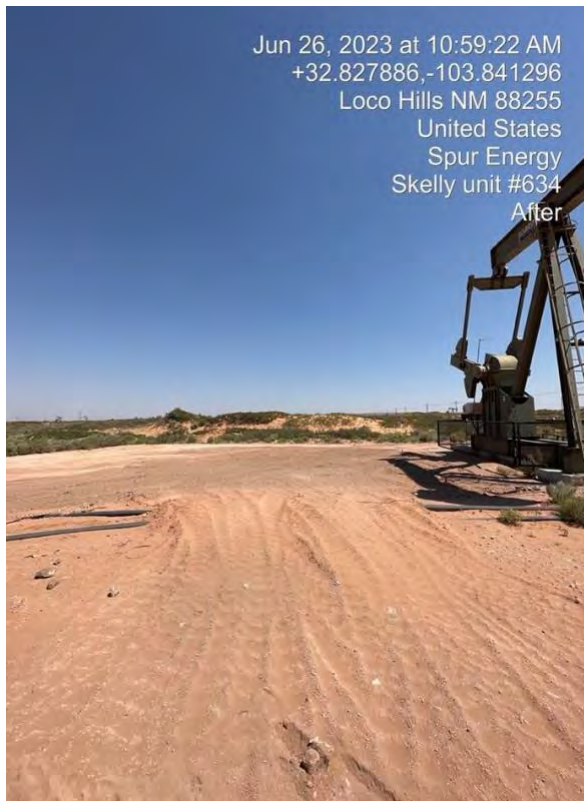
Photographic Documentation Before

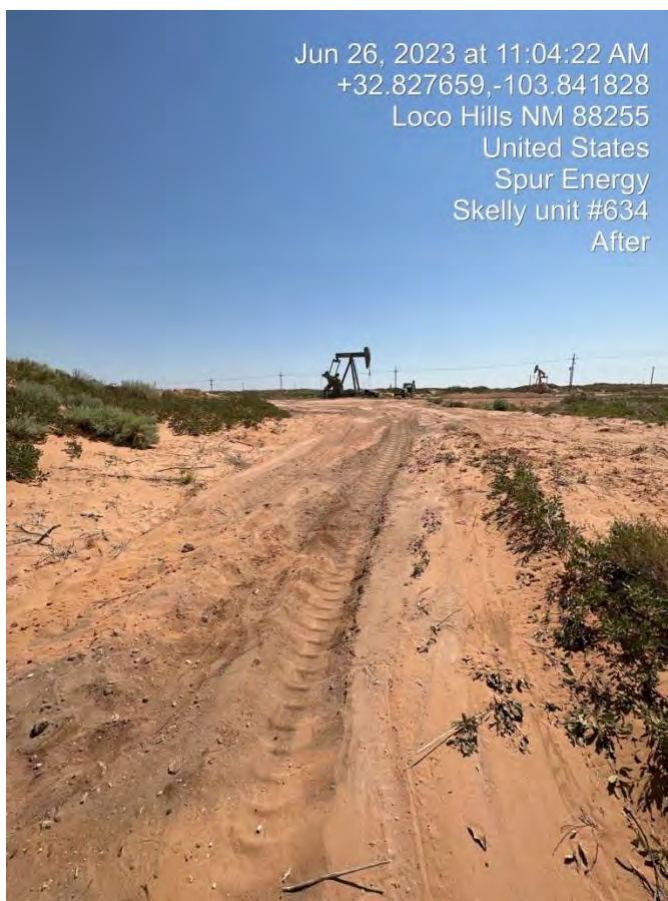
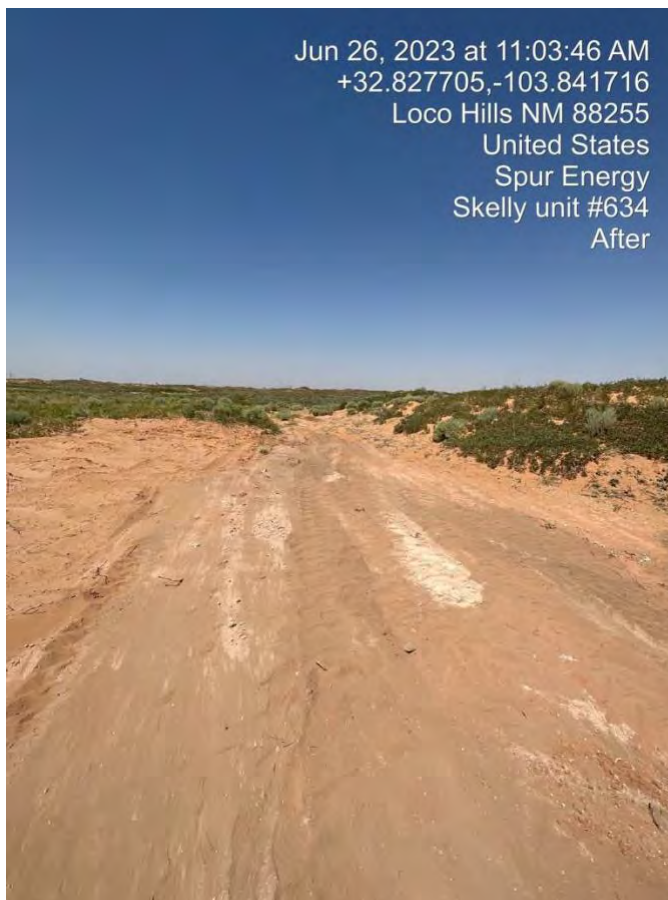


During



Complete







Appendix E:
Laboratory Results

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

February 14, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: SKELLY 634

Enclosed are the results of analyses for samples received by the laboratory on 01/27/23 10:25.

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

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

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 1 0-6	H230409-01	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 1 1	H230409-02	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 1 2	H230409-03	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 2 0-6	H230409-06	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 2 1	H230409-07	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 2 2	H230409-08	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 2 3	H230409-09	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 3 0-6	H230409-11	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 3 1	H230409-12	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 3 2	H230409-13	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 3 3	H230409-14	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 4 0-6	H230409-16	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 4 1	H230409-17	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 4 2	H230409-18	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 5 0-6	H230409-21	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 5 1	H230409-22	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 5 2	H230409-23	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 5 3	H230409-24	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 6 0-6	H230409-26	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 6 1	H230409-27	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 6 2	H230409-28	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 6 3	H230409-29	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 7 0-6	H230409-31	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 7 1	H230409-32	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 7 2	H230409-33	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 7 3	H230409-34	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 7 4	H230409-35	Soil	26-Jan-23 00:00	27-Jan-23 10:25

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 8 0-6	H230409-36	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 9 0-6	H230409-41	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 9 1	H230409-42	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 10 0-6	H230409-46	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 10 1	H230409-47	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 10 2	H230409-48	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 10 3	H230409-49	Soil	26-Jan-23 00:00	27-Jan-23 10:25
S - 10 4	H230409-50	Soil	26-Jan-23 00:00	27-Jan-23 10:25

02/14/23 - Analyses added as per client limits (see COC). This is the revised report and will replace the one sent on 02/06/23.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 1 0-6
H230409-01 (Soil)

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

Chloride	6600		16.0	mg/kg	4	3013001	GM	30-Jan-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3013005	JH	30-Jan-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134 3013005 JH 30-Jan-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3012731	MS	30-Jan-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3012731	MS	30-Jan-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3012731	MS	30-Jan-23	8015B	

Surrogate: 1-Chlorooctane 89.1 % 48.2-134 3012731 MS 30-Jan-23 8015B

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148 3012731 MS 30-Jan-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:Reported:
14-Feb-23 13:14**S - 1 1****H230409-02 (Soil)**

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

Chloride	3360		16.0	mg/kg	4	3020704	AC	07-Feb-23	4500-Cl-B	
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 1 2**H230409-03 (Soil)**

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

Chloride	464		16.0	mg/kg	4	3020923	AC	09-Feb-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 2 0-6
H230409-06 (Soil)

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

Chloride	12700		16.0	mg/kg	4	3013001	GM	30-Jan-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3013005	JH	02-Feb-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3013005	JH	02-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3013005	JH	02-Feb-23	8021B	
Total Xylenes*	0.185		0.150	mg/kg	50	3013005	JH	02-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3013005	JH	02-Feb-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			131 %		71.5-134	3013005	JH	02-Feb-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<50.0		50.0	mg/kg	5	3012731	MS	30-Jan-23	8015B	
DRO >C10-C28*	551		50.0	mg/kg	5	3012731	MS	30-Jan-23	8015B	
EXT DRO >C28-C36	<50.0		50.0	mg/kg	5	3012731	MS	30-Jan-23	8015B	

Surrogate: 1-Chlorooctane			95.5 %		48.2-134	3012731	MS	30-Jan-23	8015B	
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Surrogate: 1-Chlorooctadecane			115 %		49.1-148	3012731	MS	30-Jan-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 2 1**H230409-07 (Soil)**

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

Chloride	12000		16.0	mg/kg	4	3020704	AC	07-Feb-23	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
Surrogate: 1-Chlorooctane			97.5 %	48.2-134		3020618	MS	07-Feb-23	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1-148		3020618	MS	07-Feb-23	8015B	

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Analytical Results For:PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:Reported:
14-Feb-23 13:14

S - 2 2

H230409-08 (Soil)

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

Chloride	3440		16.0	mg/kg	4	3020923	AC	09-Feb-23	4500-Cl-B	
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Analytical Results For:PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:Reported:
14-Feb-23 13:14**S - 2 3****H230409-09 (Soil)**

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

Chloride	128		16.0	mg/kg	4	3021103	AC	11-Feb-23	4500-Cl-B	
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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 3 0-6
H230409-11 (Soil)

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

Chloride	11700		16.0	mg/kg	4	3013001	GM	30-Jan-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3013005	JH	01-Feb-23	8021B	
Toluene*	1.27		0.050	mg/kg	50	3013005	JH	01-Feb-23	8021B	
Ethylbenzene*	4.78		0.050	mg/kg	50	3013005	JH	01-Feb-23	8021B	
Total Xylenes*	7.74		0.150	mg/kg	50	3013005	JH	01-Feb-23	8021B	
Total BTEX	13.8		0.300	mg/kg	50	3013005	JH	01-Feb-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		219 %		71.5-134		3013005	JH	01-Feb-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	341		50.0	mg/kg	5	3012731	MS	30-Jan-23	8015B	
DRO >C10-C28*	4030		50.0	mg/kg	5	3012731	MS	30-Jan-23	8015B	
EXT DRO >C28-C36	669		50.0	mg/kg	5	3012731	MS	30-Jan-23	8015B	

Surrogate: 1-Chlorooctane		117 %		48.2-134		3012731	MS	30-Jan-23	8015B	
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Surrogate: 1-Chlorooctadecane		135 %		49.1-148		3012731	MS	30-Jan-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 3 1**H230409-12 (Soil)**

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

Chloride	6260		16.0	mg/kg	4	3020704	AC	07-Feb-23	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
DRO >C10-C28*	42.4		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
Surrogate: 1-Chlorooctane			114 %	48.2-134		3020618	MS	07-Feb-23	8015B	
Surrogate: 1-Chlorooctadecane			132 %	49.1-148		3020618	MS	07-Feb-23	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 3 2**H230409-13 (Soil)**

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

Chloride	2600		16.0	mg/kg	4	3020923	AC	09-Feb-23	4500-Cl-B	
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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 3 3**H230409-14 (Soil)**

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

Chloride	368		16.0	mg/kg	4	3021103	AC	11-Feb-23	4500-Cl-B	
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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 4 0-6
H230409-16 (Soil)

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

Chloride	10800		16.0	mg/kg	4	3013001	GM	30-Jan-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	3013005	JH	01-Feb-23	8021B	
Toluene*	0.056		0.050	mg/kg	50	3013005	JH	01-Feb-23	8021B	
Ethylbenzene*	0.072		0.050	mg/kg	50	3013005	JH	01-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3013005	JH	01-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3013005	JH	01-Feb-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		126 %		71.5-134		3013005	JH	01-Feb-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3012731	MS	30-Jan-23	8015B	
DRO >C10-C28*	174		10.0	mg/kg	1	3012731	MS	30-Jan-23	8015B	
EXT DRO >C28-C36	12.9		10.0	mg/kg	1	3012731	MS	30-Jan-23	8015B	

Surrogate: 1-Chlorooctane		87.7 %		48.2-134		3012731	MS	30-Jan-23	8015B	
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Surrogate: 1-Chlorooctadecane		93.1 %		49.1-148		3012731	MS	30-Jan-23	8015B	
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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 4 1**H230409-17 (Soil)**

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

Chloride	5460		16.0	mg/kg	4	3020704	AC	07-Feb-23	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2-134		3020618	MS	07-Feb-23	8015B	
Surrogate: 1-Chlorooctadecane			119 %	49.1-148		3020618	MS	07-Feb-23	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 4 2**H230409-18 (Soil)**

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

Chloride	240		16.0	mg/kg	4	3020923	AC	09-Feb-23	4500-Cl-B	
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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 5 0-6
H230409-21 (Soil)

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

Chloride	6260		16.0	mg/kg	4	3013001	GM	30-Jan-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3013005	JH	30-Jan-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			127 %		71.5-134	3013005	JH	30-Jan-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3012732	MS	30-Jan-23	8015B	
DRO >C10-C28*	28.2		10.0	mg/kg	1	3012732	MS	30-Jan-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3012732	MS	30-Jan-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.5 %		48.2-134	3012732	MS	30-Jan-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			81.8 %		49.1-148	3012732	MS	30-Jan-23	8015B	
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Analytical Results For:PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:Reported:
14-Feb-23 13:14**S - 5 1****H230409-22 (Soil)**

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

Chloride	11200		16.0	mg/kg	4	3020704	AC	07-Feb-23	4500-CI-B	
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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 5 2**H230409-23 (Soil)**

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

Chloride	8240		16.0	mg/kg	4	3020923	AC	09-Feb-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 5 3**H230409-24 (Soil)**

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

Chloride	288		16.0	mg/kg	4	3021103	AC	11-Feb-23	4500-Cl-B	
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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 6 0-6
H230409-26 (Soil)

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

Chloride	12000		16.0	mg/kg	4	3013001	GM	30-Jan-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<2.00		2.00	mg/kg	2000	3013005	JH	30-Jan-23	8021B	
Toluene*	25.7		2.00	mg/kg	2000	3013005	JH	30-Jan-23	8021B	
Ethylbenzene*	43.4		2.00	mg/kg	2000	3013005	JH	30-Jan-23	8021B	
Total Xylenes*	57.7		6.00	mg/kg	2000	3013005	JH	30-Jan-23	8021B	
Total BTEX	127		12.0	mg/kg	2000	3013005	JH	30-Jan-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		135 %		71.5-134		3013005	JH	30-Jan-23	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	2150		50.0	mg/kg	5	3012732	MS	02-Feb-23	8015B	
DRO >C10-C28*	6800		50.0	mg/kg	5	3012732	MS	02-Feb-23	8015B	
EXT DRO >C28-C36	1140		50.0	mg/kg	5	3012732	MS	02-Feb-23	8015B	

Surrogate: 1-Chlorooctane		174 %		48.2-134		3012732	MS	02-Feb-23	8015B	
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Surrogate: 1-Chlorooctadecane		266 %		49.1-148		3012732	MS	02-Feb-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 6 1**H230409-27 (Soil)**

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

Chloride	16800		16.0	mg/kg	4	3020704	AC	07-Feb-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3020635	JH	07-Feb-23	8021B	
Toluene*	0.054		0.050	mg/kg	50	3020635	JH	07-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3020635	JH	07-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3020635	JH	07-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3020635	JH	07-Feb-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		71.5-134	3020635	JH	07-Feb-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	

Surrogate: 1-Chlorooctane			103 %		48.2-134	3020618	MS	07-Feb-23	8015B	
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Surrogate: 1-Chlorooctadecane			119 %		49.1-148	3020618	MS	07-Feb-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:Reported:
14-Feb-23 13:14**S - 6 2****H230409-28 (Soil)**

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

Chloride	17600		16.0	mg/kg	4	3020923	AC	09-Feb-23	4500-Cl-B	
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 6 3**H230409-29 (Soil)**

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

Chloride	464		16.0	mg/kg	4	3021103	AC	11-Feb-23	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 7 0-6
H230409-31 (Soil)

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

Chloride	2960		16.0	mg/kg	4	3013001	GM	30-Jan-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	8.08		2.00	mg/kg	2000	3013005	JH	30-Jan-23	8021B	
Toluene*	80.0		2.00	mg/kg	2000	3013005	JH	30-Jan-23	8021B	
Ethylbenzene*	101		2.00	mg/kg	2000	3013005	JH	30-Jan-23	8021B	
Total Xylenes*	127		6.00	mg/kg	2000	3013005	JH	30-Jan-23	8021B	
Total BTEX	316		12.0	mg/kg	2000	3013005	JH	30-Jan-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			144 %		71.5-134	3013005	JH	30-Jan-23	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	3330		50.0	mg/kg	5	3012732	MS	02-Feb-23	8015B	
DRO >C10-C28*	10000		50.0	mg/kg	5	3012732	MS	02-Feb-23	8015B	
EXT DRO >C28-C36	1730		50.0	mg/kg	5	3012732	MS	02-Feb-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			219 %		48.2-134	3012732	MS	02-Feb-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			183 %		49.1-148	3012732	MS	02-Feb-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 7 1**H230409-32 (Soil)**

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

Chloride	17200		16.0	mg/kg	4	3020704	AC	07-Feb-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<2.00		2.00	mg/kg	2000	3020635	JH	07-Feb-23	8021B	
Toluene*	10.5		2.00	mg/kg	2000	3020635	JH	07-Feb-23	8021B	
Ethylbenzene*	23.3		2.00	mg/kg	2000	3020635	JH	07-Feb-23	8021B	
Total Xylenes*	32.9		6.00	mg/kg	2000	3020635	JH	07-Feb-23	8021B	
Total BTEX	66.8		12.0	mg/kg	2000	3020635	JH	07-Feb-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		109 %	71.5-134			3020635	JH	07-Feb-23	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	919		50.0	mg/kg	5	3020618	MS	07-Feb-23	8015B	
DRO >C10-C28*	4120		50.0	mg/kg	5	3020618	MS	07-Feb-23	8015B	
EXT DRO >C28-C36	495		50.0	mg/kg	5	3020618	MS	07-Feb-23	8015B	

Surrogate: 1-Chlorooctane		203 %	48.2-134			3020618	MS	07-Feb-23	8015B	
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Surrogate: 1-Chlorooctadecane		256 %	49.1-148			3020618	MS	07-Feb-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 7 2**H230409-33 (Soil)**

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

Chloride	3640		16.0	mg/kg	4	3020924	AC	09-Feb-23	4500-Cl-B	QM-07
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3020721	JH	08-Feb-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3020721	JH	08-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3020721	JH	08-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3020721	JH	08-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3020721	JH	08-Feb-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134 3020721 JH 08-Feb-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
DRO >C10-C28*	127		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
EXT DRO >C28-C36	20.2		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	

Surrogate: 1-Chlorooctane 118 % 48.2-134 3020728 MS 08-Feb-23 8015B

Surrogate: 1-Chlorooctadecane 130 % 49.1-148 3020728 MS 08-Feb-23 8015B

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 7 3**H230409-34 (Soil)**

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

Chloride	3600		16.0	mg/kg	4	3021103	AC	11-Feb-23	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	<50.0		50.0	mg/kg	5	3020728	MS	08-Feb-23	8015B	
DRO >C10-C28*	661		50.0	mg/kg	5	3020728	MS	08-Feb-23	8015B	
EXT DRO >C28-C36	101		50.0	mg/kg	5	3020728	MS	08-Feb-23	8015B	

Surrogate: 1-Chlorooctane			131 %	48.2-134		3020728	MS	08-Feb-23	8015B	
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Surrogate: 1-Chlorooctadecane			157 %	49.1-148		3020728	MS	08-Feb-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 7 4**H230409-35 (Soil)**

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

Chloride	2080		16.0	mg/kg	4	3021414	AC	14-Feb-23	4500-Cl-B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
DRO >C10-C28*	132		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
EXT DRO >C28-C36	24.2		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
Surrogate: 1-Chlorooctane			117 %	48.2-134		3020728	MS	08-Feb-23	8015B	
Surrogate: 1-Chlorooctadecane			129 %	49.1-148		3020728	MS	08-Feb-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 8 0-6
H230409-36 (Soil)

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

Chloride	576		16.0	mg/kg	4	3013001	GM	30-Jan-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3013005	JH	30-Jan-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3013005	JH	30-Jan-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			125 %		71.5-134	3013005	JH	30-Jan-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3012732	MS	30-Jan-23	8015B	
DRO >C10-C28*	28.9		10.0	mg/kg	1	3012732	MS	30-Jan-23	8015B	
EXT DRO >C28-C36	12.5		10.0	mg/kg	1	3012732	MS	30-Jan-23	8015B	

Surrogate: 1-Chlorooctane			83.9 %		48.2-134	3012732	MS	30-Jan-23	8015B	
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Surrogate: 1-Chlorooctadecane			92.4 %		49.1-148	3012732	MS	30-Jan-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 9 0-6**H230409-41 (Soil)**

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

Chloride	112		16.0	mg/kg	4	3013001	GM	30-Jan-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3013005	JH	31-Jan-23	8021B	
Toluene*	0.112		0.050	mg/kg	50	3013005	JH	31-Jan-23	8021B	
Ethylbenzene*	0.095		0.050	mg/kg	50	3013005	JH	31-Jan-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3013005	JH	31-Jan-23	8021B	
Total BTEX	0.309		0.300	mg/kg	50	3013005	JH	31-Jan-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		126 %		71.5-134		3013005	JH	31-Jan-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	105		10.0	mg/kg	1	3012732	MS	30-Jan-23	8015B	
DRO >C10-C28*	401		10.0	mg/kg	1	3012732	MS	30-Jan-23	8015B	
EXT DRO >C28-C36	63.6		10.0	mg/kg	1	3012732	MS	30-Jan-23	8015B	

Surrogate: 1-Chlorooctane		84.1 %		48.2-134		3012732	MS	30-Jan-23	8015B	
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Surrogate: 1-Chlorooctadecane		93.8 %		49.1-148		3012732	MS	30-Jan-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 9 1**H230409-42 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
DRO >C10-C28*	58.5		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3020618	MS	07-Feb-23	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2-134		3020618	MS	07-Feb-23	8015B	
Surrogate: 1-Chlorooctadecane			118 %	49.1-148		3020618	MS	07-Feb-23	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 10 0-6
H230409-46 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	3013001	GM	30-Jan-23	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	61.5		10.0	mg/kg	10000	3013006	JH/	31-Jan-23	8021B	
Toluene*	520		10.0	mg/kg	10000	3013006	JH/	31-Jan-23	8021B	
Ethylbenzene*	561		10.0	mg/kg	10000	3013006	JH/	31-Jan-23	8021B	
Total Xylenes*	710		30.0	mg/kg	10000	3013006	JH/	31-Jan-23	8021B	
Total BTEX	1850		60.0	mg/kg	10000	3013006	JH/	31-Jan-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	111 %		71.5-134			3013006	JH/	31-Jan-23	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	12300		100	mg/kg	10	3012732	MS	01-Feb-23	8015B	
DRO >C10-C28*	39200		100	mg/kg	10	3012732	MS	01-Feb-23	8015B	
EXT DRO >C28-C36	6600		100	mg/kg	10	3012732	MS	01-Feb-23	8015B	

Surrogate: 1-Chlorooctane	1040 %		48.2-134			3012732	MS	01-Feb-23	8015B	
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Surrogate: 1-Chlorooctadecane	1070 %		49.1-148			3012732	MS	01-Feb-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 10 1
H230409-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<5.00		5.00	mg/kg	5000	3020635	JH	07-Feb-23	8021B	
Toluene*	156		5.00	mg/kg	5000	3020635	JH	07-Feb-23	8021B	
Ethylbenzene*	238		5.00	mg/kg	5000	3020635	JH	07-Feb-23	8021B	
Total Xylenes*	305		15.0	mg/kg	5000	3020635	JH	07-Feb-23	8021B	
Total BTEX	699		30.0	mg/kg	5000	3020635	JH	07-Feb-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			122 %	71.5-134		3020635	JH	07-Feb-23	8021B	

Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	5320		100	mg/kg	10	3020618	MS	07-Feb-23	8015B	
DRO >C10-C28*	20400		100	mg/kg	10	3020618	MS	07-Feb-23	8015B	
EXT DRO >C28-C36	2780		100	mg/kg	10	3020618	MS	07-Feb-23	8015B	
Surrogate: 1-Chlorooctane			575 %	48.2-134		3020618	MS	07-Feb-23	8015B	
Surrogate: 1-Chlorooctadecane			434 %	49.1-148		3020618	MS	07-Feb-23	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 10 2
H230409-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3020721	JH	08-Feb-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3020721	JH	08-Feb-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3020721	JH	08-Feb-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3020721	JH	08-Feb-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3020721	JH	08-Feb-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		3020721	JH	08-Feb-23	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	13.0		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
DRO >C10-C28*	204		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
EXT DRO >C28-C36	33.4		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
Surrogate: 1-Chlorooctane			119 %	48.2-134		3020728	MS	08-Feb-23	8015B	
Surrogate: 1-Chlorooctadecane			131 %	49.1-148		3020728	MS	08-Feb-23	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 10 3
H230409-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	11.6		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
DRO >C10-C28*	200		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
EXT DRO >C28-C36	31.1		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
<i>Surrogate: 1-Chlorooctane</i>			120 %	48.2-134		3020728	MS	08-Feb-23	8015B	
<i>Surrogate: 1-Chlorooctadecane</i>			133 %	49.1-148		3020728	MS	08-Feb-23	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

S - 10 4
H230409-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
DRO >C10-C28*	92.5		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
EXT DRO >C28-C36	15.8		10.0	mg/kg	1	3020728	MS	08-Feb-23	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2-134		3020728	MS	08-Feb-23	8015B	
Surrogate: 1-Chlorooctadecane			115 %	49.1-148		3020728	MS	08-Feb-23	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3013001 - 1:4 DI Water										
Blank (3013001-BLK1)				Prepared & Analyzed: 30-Jan-23						
Chloride	ND	16.0	mg/kg							
LCS (3013001-BS1)				Prepared & Analyzed: 30-Jan-23						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3013001-BSD1)				Prepared & Analyzed: 30-Jan-23						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Duplicate (3013001-DUP1)				Source: H230408-05		Prepared & Analyzed: 30-Jan-23				
Chloride	272	16.0	mg/kg		240			12.5	20	
Matrix Spike (3013001-MS1)				Source: H230408-05		Prepared & Analyzed: 30-Jan-23				
Chloride	800	16.0	mg/kg	400	240	140	80-120			QM-07
Batch 3020704 - 1:4 DI Water										
Blank (3020704-BLK1)				Prepared & Analyzed: 07-Feb-23						
Chloride	ND	16.0	mg/kg							
LCS (3020704-BS1)				Prepared & Analyzed: 07-Feb-23						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3020704-BSD1)				Prepared & Analyzed: 07-Feb-23						
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Duplicate (3020704-DUP1)				Source: H230514-29		Prepared & Analyzed: 07-Feb-23				
Chloride	32.0	16.0	mg/kg		32.0			0.00	20	

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020704 - 1:4 DI Water

Matrix Spike (3020704-MS1)	Source: H230514-29			Prepared & Analyzed: 07-Feb-23						
Chloride	432	16.0	mg/kg	400	32.0	100	80-120			

Batch 3020923 - 1:4 DI Water

Blank (3020923-BLK1)	Prepared & Analyzed: 09-Feb-23									
Chloride	ND	16.0	mg/kg							

LCS (3020923-BS1)	Prepared & Analyzed: 09-Feb-23									
Chloride	432	16.0	mg/kg	400		108	80-120			

LCS Dup (3020923-BSD1)	Prepared & Analyzed: 09-Feb-23									
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

Duplicate (3020923-DUP1)	Source: H230529-40			Prepared & Analyzed: 09-Feb-23						
Chloride	48.0	16.0	mg/kg		48.0			0.00	20	

Matrix Spike (3020923-MS1)	Source: H230529-40			Prepared & Analyzed: 09-Feb-23						
Chloride	464	16.0	mg/kg	400	48.0	104	80-120			

Batch 3020924 - 1:4 DI Water

Blank (3020924-BLK1)	Prepared & Analyzed: 09-Feb-23									
Chloride	ND	16.0	mg/kg							

LCS (3020924-BS1)	Prepared & Analyzed: 09-Feb-23									
Chloride	432	16.0	mg/kg	400		108	80-120			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020924 - 1:4 DI Water**LCS Dup (3020924-BSD1)**

Prepared & Analyzed: 09-Feb-23

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Duplicate (3020924-DUP1)

Source: H230409-33

Prepared & Analyzed: 09-Feb-23

Chloride	3760	16.0	mg/kg		3640			3.24	20	
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Matrix Spike (3020924-MS1)

Source: H230409-33

Prepared & Analyzed: 09-Feb-23

Chloride	4560	16.0	mg/kg	400	3640	230	80-120			QM-07
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Batch 3021103 - 1:4 DI Water**Blank (3021103-BLK1)**

Prepared & Analyzed: 11-Feb-23

Chloride	ND	16.0	mg/kg							
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LCS (3021103-BS1)

Prepared & Analyzed: 11-Feb-23

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (3021103-BSD1)

Prepared & Analyzed: 11-Feb-23

Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
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Duplicate (3021103-DUP1)

Source: H230581-22

Prepared & Analyzed: 11-Feb-23

Chloride	48.0	16.0	mg/kg		48.0			0.00	20	
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Matrix Spike (3021103-MS1)

Source: H230581-22

Prepared & Analyzed: 11-Feb-23

Chloride	432	16.0	mg/kg	400	48.0	96.0	80-120			
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Batch 3021414 - 1:4 DI Water**Blank (3021414-BLK1)**

Prepared & Analyzed: 14-Feb-23

Chloride	ND	16.0	mg/kg							
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3021414 - 1:4 DI Water**LCS (3021414-BS1)**

Prepared & Analyzed: 14-Feb-23

Chloride	432	16.0	mg/kg	400		108	80-120			
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LCS Dup (3021414-BSD1)

Prepared & Analyzed: 14-Feb-23

Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
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Duplicate (3021414-DUP1)

Source: H230610-14

Prepared & Analyzed: 14-Feb-23

Chloride	32.0	16.0	mg/kg		32.0			0.00	20	
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Matrix Spike (3021414-MS1)

Source: H230610-14

Prepared & Analyzed: 14-Feb-23

Chloride	480	16.0	mg/kg	400	32.0	112	80-120			
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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3013005 - Volatiles**Blank (3013005-BLK1)**

Prepared & Analyzed: 30-Jan-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0619		mg/kg	0.0500		124	71.5-134			

LCS (3013005-BS1)

Prepared & Analyzed: 30-Jan-23

Benzene	1.88	0.050	mg/kg	2.00		94.2	81.4-118			
Toluene	2.10	0.050	mg/kg	2.00		105	88.7-121			
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	86.1-120			
m,p-Xylene	4.32	0.100	mg/kg	4.00		108	88.2-124			
o-Xylene	2.08	0.050	mg/kg	2.00		104	84.9-118			
Total Xylenes	6.40	0.150	mg/kg	6.00		107	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0594		mg/kg	0.0500		119	71.5-134			

LCS Dup (3013005-BSD1)

Prepared & Analyzed: 30-Jan-23

Benzene	1.86	0.050	mg/kg	2.00		93.2	81.4-118	1.03	15.8	
Toluene	2.06	0.050	mg/kg	2.00		103	88.7-121	1.87	15.9	
Ethylbenzene	2.03	0.050	mg/kg	2.00		101	86.1-120	2.10	16	
m,p-Xylene	4.22	0.100	mg/kg	4.00		106	88.2-124	2.23	16.2	
o-Xylene	2.01	0.050	mg/kg	2.00		101	84.9-118	3.36	16.7	
Total Xylenes	6.24	0.150	mg/kg	6.00		104	87.3-122	2.60	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0590		mg/kg	0.0500		118	71.5-134			

Matrix Spike (3013005-MS1)

Source: H230408-02

Prepared & Analyzed: 30-Jan-23

Benzene	1.76	0.050	mg/kg	2.00	ND	88.1	69.1-118			
Toluene	1.98	0.050	mg/kg	2.00	0.007	98.7	69.2-127			
Ethylbenzene	1.97	0.050	mg/kg	2.00	ND	98.7	74.6-119			
m,p-Xylene	4.11	0.100	mg/kg	4.00	0.012	102	75.7-124			
o-Xylene	1.99	0.050	mg/kg	2.00	ND	99.3	71.2-119			
Total Xylenes	6.10	0.150	mg/kg	6.00	ND	102	75.2-122			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3013005 - Volatiles**Matrix Spike (3013005-MS1)**

Source: H230408-02

Prepared & Analyzed: 30-Jan-23

Surrogate: 4-Bromofluorobenzene (PID)	0.0611		mg/kg	0.0500		122	71.5-134			
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Matrix Spike Dup (3013005-MSD1)

Source: H230408-02

Prepared & Analyzed: 30-Jan-23

Benzene	1.70	0.050	mg/kg	2.00	ND	84.8	69.1-118	3.80	9.81	
Toluene	1.91	0.050	mg/kg	2.00	0.007	95.1	69.2-127	3.68	10.1	
Ethylbenzene	1.90	0.050	mg/kg	2.00	ND	94.8	74.6-119	4.00	10.3	
m,p-Xylene	3.97	0.100	mg/kg	4.00	0.012	98.9	75.7-124	3.58	10.3	
o-Xylene	1.91	0.050	mg/kg	2.00	ND	95.5	71.2-119	3.91	11.2	
Total Xylenes	5.88	0.150	mg/kg	6.00	ND	97.9	75.2-122	3.69	10.4	

Surrogate: 4-Bromofluorobenzene (PID)	0.0599		mg/kg	0.0500		120	71.5-134			
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Batch 3013006 - Volatiles**Blank (3013006-BLK1)**

Prepared: 30-Jan-23 Analyzed: 31-Jan-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID)	0.0531		mg/kg	0.0500		106	71.5-134			
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LCS (3013006-BS1)

Prepared: 30-Jan-23 Analyzed: 31-Jan-23

Benzene	1.95	0.050	mg/kg	2.00		97.5	81.4-118			
Toluene	2.04	0.050	mg/kg	2.00		102	88.7-121			
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	86.1-120			
m,p-Xylene	4.10	0.100	mg/kg	4.00		102	88.2-124			
o-Xylene	1.94	0.050	mg/kg	2.00		96.9	84.9-118			
Total Xylenes	6.03	0.150	mg/kg	6.00		101	87.3-122			

Surrogate: 4-Bromofluorobenzene (PID)	0.0497		mg/kg	0.0500		99.4	71.5-134			
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3013006 - Volatiles**LCS Dup (3013006-BSD1)**

Prepared: 30-Jan-23 Analyzed: 31-Jan-23

Benzene	1.98	0.050	mg/kg	2.00		98.9	81.4-118	1.42	15.8	
Toluene	2.09	0.050	mg/kg	2.00		105	88.7-121	2.31	15.9	
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	86.1-120	3.28	16	
m,p-Xylene	4.24	0.100	mg/kg	4.00		106	88.2-124	3.46	16.2	
o-Xylene	2.04	0.050	mg/kg	2.00		102	84.9-118	4.93	16.7	
Total Xylenes	6.28	0.150	mg/kg	6.00		105	87.3-122	3.94	16.3	

Surrogate: 4-Bromofluorobenzene (PID) 0.0506 mg/kg 0.0500 101 71.5-134

Matrix Spike (3013006-MS1)

Source: H230410-01

Prepared: 30-Jan-23 Analyzed: 31-Jan-23

Benzene	1.80	0.050	mg/kg	2.00	ND	90.0	69.1-118			
Toluene	1.88	0.050	mg/kg	2.00	0.035	92.0	69.2-127			
Ethylbenzene	1.86	0.050	mg/kg	2.00	0.038	91.3	74.6-119			
m,p-Xylene	3.78	0.100	mg/kg	4.00	0.022	93.9	75.7-124			
o-Xylene	1.80	0.050	mg/kg	2.00	0.019	88.9	71.2-119			
Total Xylenes	5.57	0.150	mg/kg	6.00	0.041	92.2	75.2-122			

Surrogate: 4-Bromofluorobenzene (PID) 0.0507 mg/kg 0.0500 101 71.5-134

Matrix Spike Dup (3013006-MSD1)

Source: H230410-01

Prepared: 30-Jan-23 Analyzed: 31-Jan-23

Benzene	1.90	0.050	mg/kg	2.00	ND	94.8	69.1-118	5.24	9.81	
Toluene	1.99	0.050	mg/kg	2.00	0.035	97.6	69.2-127	5.76	10.1	
Ethylbenzene	1.98	0.050	mg/kg	2.00	0.038	97.1	74.6-119	6.06	10.3	
m,p-Xylene	4.02	0.100	mg/kg	4.00	0.022	99.8	75.7-124	6.08	10.3	
o-Xylene	1.93	0.050	mg/kg	2.00	0.019	95.4	71.2-119	7.04	11.2	
Total Xylenes	5.94	0.150	mg/kg	6.00	0.041	98.4	75.2-122	6.39	10.4	

Surrogate: 4-Bromofluorobenzene (PID) 0.0511 mg/kg 0.0500 102 71.5-134

Batch 3020635 - Volatiles**Blank (3020635-BLK1)**

Prepared: 06-Feb-23 Analyzed: 07-Feb-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020635 - Volatiles**Blank (3020635-BLK1)**

Prepared: 06-Feb-23 Analyzed: 07-Feb-23

Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0503		mg/kg	0.0500		101	71.5-134			

LCS (3020635-BS1)

Prepared: 06-Feb-23 Analyzed: 07-Feb-23

Benzene	2.05	0.050	mg/kg	2.00		103	81.4-118			
Toluene	2.03	0.050	mg/kg	2.00		102	88.7-121			
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.1	86.1-120			
m,p-Xylene	4.03	0.100	mg/kg	4.00		101	88.2-124			
o-Xylene	1.95	0.050	mg/kg	2.00		97.3	84.9-118			
Total Xylenes	5.97	0.150	mg/kg	6.00		99.5	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0492		mg/kg	0.0500		98.3	71.5-134			

LCS Dup (3020635-BSD1)

Prepared: 06-Feb-23 Analyzed: 07-Feb-23

Benzene	2.16	0.050	mg/kg	2.00		108	81.4-118	4.97	15.8	
Toluene	2.13	0.050	mg/kg	2.00		107	88.7-121	4.78	15.9	
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	86.1-120	5.86	16	
m,p-Xylene	4.28	0.100	mg/kg	4.00		107	88.2-124	6.23	16.2	
o-Xylene	2.09	0.050	mg/kg	2.00		105	84.9-118	7.18	16.7	
Total Xylenes	6.38	0.150	mg/kg	6.00		106	87.3-122	6.54	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0487		mg/kg	0.0500		97.3	71.5-134			

Matrix Spike (3020635-MS1)

Source: H230514-37

Prepared: 06-Feb-23 Analyzed: 07-Feb-23

Benzene	2.05	0.050	mg/kg	2.00	ND	103	69.1-118			
Toluene	2.03	0.050	mg/kg	2.00	ND	102	69.2-127			
Ethylbenzene	1.99	0.050	mg/kg	2.00	ND	99.6	74.6-119			
m,p-Xylene	4.07	0.100	mg/kg	4.00	ND	102	75.7-124			
o-Xylene	1.95	0.050	mg/kg	2.00	ND	97.4	71.2-119			
Total Xylenes	6.02	0.150	mg/kg	6.00	ND	100	75.2-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	71.5-134			

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020635 - Volatiles**Matrix Spike Dup (3020635-MSD1)**

Source: H230514-37

Prepared: 06-Feb-23 Analyzed: 07-Feb-23

Benzene	1.97	0.050	mg/kg	2.00	ND	98.3	69.1-118	4.18	9.81	
Toluene	1.97	0.050	mg/kg	2.00	ND	98.4	69.2-127	3.27	10.1	
Ethylbenzene	1.93	0.050	mg/kg	2.00	ND	96.5	74.6-119	3.15	10.3	
m,p-Xylene	3.96	0.100	mg/kg	4.00	ND	99.1	75.7-124	2.63	10.3	
o-Xylene	1.93	0.050	mg/kg	2.00	ND	96.3	71.2-119	1.15	11.2	
Total Xylenes	5.89	0.150	mg/kg	6.00	ND	98.2	75.2-122	2.15	10.4	

Surrogate: 4-Bromofluorobenzene (PID) 0.0500 mg/kg 0.0500 99.9 71.5-134

Batch 3020721 - Volatiles**Blank (3020721-BLK1)**

Prepared: 07-Feb-23 Analyzed: 08-Feb-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID) 0.0527 mg/kg 0.0500 105 71.5-134

LCS (3020721-BS1)

Prepared: 07-Feb-23 Analyzed: 08-Feb-23

Benzene	2.13	0.050	mg/kg	2.00		107	81.4-118			
Toluene	2.10	0.050	mg/kg	2.00		105	88.7-121			
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	86.1-120			
m,p-Xylene	4.21	0.100	mg/kg	4.00		105	88.2-124			
o-Xylene	2.04	0.050	mg/kg	2.00		102	84.9-118			
Total Xylenes	6.24	0.150	mg/kg	6.00		104	87.3-122			

Surrogate: 4-Bromofluorobenzene (PID) 0.0501 mg/kg 0.0500 100 71.5-134

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020721 - Volatiles**LCS Dup (3020721-BSD1)**

Prepared: 07-Feb-23 Analyzed: 08-Feb-23

Benzene	2.15	0.050	mg/kg	2.00		107	81.4-118	0.704	15.8	
Toluene	2.13	0.050	mg/kg	2.00		106	88.7-121	1.35	15.9	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	86.1-120	2.13	16	
m,p-Xylene	4.32	0.100	mg/kg	4.00		108	88.2-124	2.61	16.2	
o-Xylene	2.12	0.050	mg/kg	2.00		106	84.9-118	3.90	16.7	
Total Xylenes	6.43	0.150	mg/kg	6.00		107	87.3-122	3.03	16.3	

Surrogate: 4-Bromofluorobenzene (PID) 0.0491 mg/kg 0.0500 98.2 71.5-134

Matrix Spike (3020721-MS1)

Source: H230526-01

Prepared: 07-Feb-23 Analyzed: 08-Feb-23

Benzene	1.95	0.050	mg/kg	2.00	0.021	96.7	69.1-118			
Toluene	1.95	0.050	mg/kg	2.00	0.370	79.2	69.2-127			
Ethylbenzene	1.97	0.050	mg/kg	2.00	0.590	69.0	74.6-119			QM-07
m,p-Xylene	4.07	0.100	mg/kg	4.00	1.30	69.3	75.7-124			QM-07
o-Xylene	2.01	0.050	mg/kg	2.00	0.510	75.2	71.2-119			
Total Xylenes	6.09	0.150	mg/kg	6.00	1.81	71.3	75.2-122			QM-07

Surrogate: 4-Bromofluorobenzene (PID) 0.0505 mg/kg 0.0500 101 71.5-134

Matrix Spike Dup (3020721-MSD1)

Source: H230526-01

Prepared: 07-Feb-23 Analyzed: 08-Feb-23

Benzene	1.93	0.050	mg/kg	2.00	0.021	95.3	69.1-118	1.45	9.81	
Toluene	1.93	0.050	mg/kg	2.00	0.370	78.2	69.2-127	1.04	10.1	
Ethylbenzene	1.94	0.050	mg/kg	2.00	0.590	67.6	74.6-119	1.48	10.3	QM-07
m,p-Xylene	4.02	0.100	mg/kg	4.00	1.30	67.9	75.7-124	1.33	10.3	QM-07
o-Xylene	1.99	0.050	mg/kg	2.00	0.510	73.9	71.2-119	1.36	11.2	
Total Xylenes	6.01	0.150	mg/kg	6.00	1.81	69.9	75.2-122	1.34	10.4	QM-07

Surrogate: 4-Bromofluorobenzene (PID) 0.0502 mg/kg 0.0500 100 71.5-134

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3012731 - General Prep - Organics**Blank (3012731-BLK1)**

Prepared: 27-Jan-23 Analyzed: 30-Jan-23

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	50.2		mg/kg	50.0		100	48.2-134		
Surrogate: 1-Chlorooctadecane	51.4		mg/kg	50.0		103	49.1-148		

LCS (3012731-BS1)

Prepared: 27-Jan-23 Analyzed: 30-Jan-23

GRO C6-C10	217	10.0	mg/kg	200		109	78.5-124		
DRO >C10-C28	213	10.0	mg/kg	200		107	72.5-126		
Total TPH C6-C28	431	10.0	mg/kg	400		108	77.6-123		
Surrogate: 1-Chlorooctane	57.9		mg/kg	50.0		116	48.2-134		
Surrogate: 1-Chlorooctadecane	56.1		mg/kg	50.0		112	49.1-148		

LCS Dup (3012731-BS1)

Prepared: 27-Jan-23 Analyzed: 30-Jan-23

GRO C6-C10	218	10.0	mg/kg	200		109	78.5-124	0.114	17.7
DRO >C10-C28	221	10.0	mg/kg	200		110	72.5-126	3.30	21
Total TPH C6-C28	438	10.0	mg/kg	400		110	77.6-123	1.70	18.5
Surrogate: 1-Chlorooctane	57.1		mg/kg	50.0		114	48.2-134		
Surrogate: 1-Chlorooctadecane	55.9		mg/kg	50.0		112	49.1-148		

Matrix Spike (3012731-MS1)

Source: H230407-07

Prepared: 27-Jan-23 Analyzed: 30-Jan-23

GRO C6-C10	202	10.0	mg/kg	200	ND	101	56.8-132		
DRO >C10-C28	202	10.0	mg/kg	200	ND	101	44.5-141		
Total TPH C6-C28	404	10.0	mg/kg	400	1.30	101	50.5-136		
Surrogate: 1-Chlorooctane	53.6		mg/kg	50.0		107	48.2-134		
Surrogate: 1-Chlorooctadecane	52.8		mg/kg	50.0		106	49.1-148		

Matrix Spike Dup (3012731-MSD1)

Source: H230407-07

Prepared: 27-Jan-23 Analyzed: 30-Jan-23

GRO C6-C10	194	10.0	mg/kg	200	ND	97.0	56.8-132	3.98	28.1
DRO >C10-C28	186	10.0	mg/kg	200	ND	93.0	44.5-141	8.27	35.2
Total TPH C6-C28	380	10.0	mg/kg	400	1.30	94.7	50.5-136	6.12	426
Surrogate: 1-Chlorooctane	52.0		mg/kg	50.0		104	48.2-134		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3012731 - General Prep - Organics**Matrix Spike Dup (3012731-MSD1)**

Source: H230407-07

Prepared: 27-Jan-23 Analyzed: 30-Jan-23

Surrogate: 1-Chlorooctadecane	51.6		mg/kg	50.0		103	49.1-148			
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Batch 3012732 - General Prep - Organics**Blank (3012732-BLK1)**

Prepared: 27-Jan-23 Analyzed: 30-Jan-23

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	45.3		mg/kg	50.0		90.7	48.2-134			
Surrogate: 1-Chlorooctadecane	48.0		mg/kg	50.0		96.0	49.1-148			

LCS (3012732-BS1)

Prepared: 27-Jan-23 Analyzed: 30-Jan-23

GRO C6-C10	222	10.0	mg/kg	200		111	78.5-124			
DRO >C10-C28	239	10.0	mg/kg	200		120	72.5-126			
Total TPH C6-C28	461	10.0	mg/kg	400		115	77.6-123			
Surrogate: 1-Chlorooctane	52.1		mg/kg	50.0		104	48.2-134			
Surrogate: 1-Chlorooctadecane	59.0		mg/kg	50.0		118	49.1-148			

LCS Dup (3012732-BSD1)

Prepared: 27-Jan-23 Analyzed: 30-Jan-23

GRO C6-C10	212	10.0	mg/kg	200		106	78.5-124	4.19	17.7	
DRO >C10-C28	228	10.0	mg/kg	200		114	72.5-126	4.92	21	
Total TPH C6-C28	440	10.0	mg/kg	400		110	77.6-123	4.57	18.5	
Surrogate: 1-Chlorooctane	50.8		mg/kg	50.0		102	48.2-134			
Surrogate: 1-Chlorooctadecane	55.6		mg/kg	50.0		111	49.1-148			

Matrix Spike (3012732-MS1)

Source: H230409-21

Prepared: 27-Jan-23 Analyzed: 30-Jan-23

GRO C6-C10	193	10.0	mg/kg	200	ND	96.4	56.8-132			
DRO >C10-C28	228	10.0	mg/kg	200	28.2	100	44.5-141			
Total TPH C6-C28	421	10.0	mg/kg	400	31.0	97.5	50.5-136			
Surrogate: 1-Chlorooctane	48.6		mg/kg	50.0		97.1	48.2-134			
Surrogate: 1-Chlorooctadecane	56.3		mg/kg	50.0		113	49.1-148			

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3012732 - General Prep - Organics

Matrix Spike Dup (3012732-MSD1)		Source: H230409-21			Prepared: 27-Jan-23 Analyzed: 30-Jan-23					
GRO C6-C10	190	10.0	mg/kg	200	ND	95.0	56.8-132	1.47	28.1	
DRO >C10-C28	220	10.0	mg/kg	200	28.2	96.1	44.5-141	4.00	35.2	
Total TPH C6-C28	410	10.0	mg/kg	400	31.0	94.9	50.5-136	2.77	426	
Surrogate: 1-Chlorooctane	48.5		mg/kg	50.0		97.0	48.2-134			
Surrogate: 1-Chlorooctadecane	55.8		mg/kg	50.0		112	49.1-148			

Batch 3020618 - General Prep - Organics

Blank (3020618-BLK1)		Prepared: 06-Feb-23 Analyzed: 07-Feb-23								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.0		mg/kg	50.0		95.9	48.2-134			
Surrogate: 1-Chlorooctadecane	53.9		mg/kg	50.0		108	49.1-148			

LCS (3020618-BS1)		Prepared: 06-Feb-23 Analyzed: 07-Feb-23								
GRO C6-C10	187	10.0	mg/kg	200		93.6	78.5-124			
DRO >C10-C28	199	10.0	mg/kg	200		99.7	72.5-126			
Total TPH C6-C28	386	10.0	mg/kg	400		96.6	77.6-123			
Surrogate: 1-Chlorooctane	53.2		mg/kg	50.0		106	48.2-134			
Surrogate: 1-Chlorooctadecane	58.2		mg/kg	50.0		116	49.1-148			

LCS Dup (3020618-BSD1)		Prepared: 06-Feb-23 Analyzed: 07-Feb-23								
GRO C6-C10	179	10.0	mg/kg	200		89.4	78.5-124	4.57	17.7	
DRO >C10-C28	186	10.0	mg/kg	200		93.0	72.5-126	6.96	21	
Total TPH C6-C28	365	10.0	mg/kg	400		91.2	77.6-123	5.79	18.5	
Surrogate: 1-Chlorooctane	52.9		mg/kg	50.0		106	48.2-134			
Surrogate: 1-Chlorooctadecane	57.7		mg/kg	50.0		115	49.1-148			

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020618 - General Prep - Organics

Matrix Spike (3020618-MS1)		Source: H230409-07			Prepared: 06-Feb-23 Analyzed: 08-Feb-23					
GRO C6-C10	169	10.0	mg/kg	200	ND	84.5	56.8-132			
DRO >C10-C28	167	10.0	mg/kg	200	4.82	81.1	44.5-141			
Total TPH C6-C28	336	10.0	mg/kg	400	4.82	82.8	50.5-136			
Surrogate: 1-Chlorooctane	57.7		mg/kg	50.0		115	48.2-134			
Surrogate: 1-Chlorooctadecane	66.6		mg/kg	50.0		133	49.1-148			

Matrix Spike Dup (3020618-MSD1)		Source: H230409-07			Prepared: 06-Feb-23 Analyzed: 08-Feb-23					
GRO C6-C10	172	10.0	mg/kg	200	ND	86.0	56.8-132	1.75	28.1	
DRO >C10-C28	179	10.0	mg/kg	200	4.82	87.1	44.5-141	7.14	35.2	
Total TPH C6-C28	351	10.0	mg/kg	400	4.82	86.6	50.5-136	4.43	426	
Surrogate: 1-Chlorooctane	58.0		mg/kg	50.0		116	48.2-134			
Surrogate: 1-Chlorooctadecane	67.9		mg/kg	50.0		136	49.1-148			

Batch 3020728 - General Prep - Organics

Blank (3020728-BLK1)		Prepared & Analyzed: 08-Feb-23								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	63.3		mg/kg	50.0		127	48.2-134			
Surrogate: 1-Chlorooctadecane	66.7		mg/kg	50.0		133	49.1-148			

LCS (3020728-BS1)		Prepared & Analyzed: 08-Feb-23								
GRO C6-C10	215	10.0	mg/kg	200		108	78.5-124			
DRO >C10-C28	219	10.0	mg/kg	200		109	72.5-126			
Total TPH C6-C28	434	10.0	mg/kg	400		108	77.6-123			
Surrogate: 1-Chlorooctane	63.6		mg/kg	50.0		127	48.2-134			
Surrogate: 1-Chlorooctadecane	70.6		mg/kg	50.0		141	49.1-148			

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
14-Feb-23 13:14

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3020728 - General Prep - Organics**LCS Dup (3020728-BSD1)**

Prepared & Analyzed: 08-Feb-23

GRO C6-C10	205	10.0	mg/kg	200		103	78.5-124	4.75	17.7	
DRO >C10-C28	214	10.0	mg/kg	200		107	72.5-126	1.99	21	
Total TPH C6-C28	419	10.0	mg/kg	400		105	77.6-123	3.35	18.5	
Surrogate: 1-Chlorooctane	65.3		mg/kg	50.0		131	48.2-134			
Surrogate: 1-Chlorooctadecane	73.4		mg/kg	50.0		147	49.1-148			

Matrix Spike (3020728-MS1)

Source: H230409-33

Prepared & Analyzed: 08-Feb-23

GRO C6-C10	163	10.0	mg/kg	200	ND	81.3	56.8-132			
DRO >C10-C28	285	10.0	mg/kg	200	127	79.2	44.5-141			
Total TPH C6-C28	448	10.0	mg/kg	400	132	79.0	50.5-136			
Surrogate: 1-Chlorooctane	60.1		mg/kg	50.0		120	48.2-134			
Surrogate: 1-Chlorooctadecane	64.8		mg/kg	50.0		130	49.1-148			

Matrix Spike Dup (3020728-MSD1)

Source: H230409-33

Prepared & Analyzed: 08-Feb-23

GRO C6-C10	160	10.0	mg/kg	200	ND	80.2	56.8-132	1.27	28.1	
DRO >C10-C28	282	10.0	mg/kg	200	127	77.6	44.5-141	2.02	35.2	
Total TPH C6-C28	442	10.0	mg/kg	400	132	77.7	50.5-136	1.66	426	
Surrogate: 1-Chlorooctane	58.4		mg/kg	50.0		117	48.2-134			
Surrogate: 1-Chlorooctadecane	64.4		mg/kg	50.0		129	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. 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 **State:** NM **zip:** 88240

Phone #: 575-964-7814 **Fax #:**

Project #:

Project Name: Skelly 634

Project Location: Eddy County

Sample Name: Murray, Mance

FOR LAB USE ONLY

P.O. #:

Company: SPu2

Attn: Brady Walder

Address:

City:

State: **Zip:**

Phone #:

Fax #:

Lab I.D.:

Sample I.D.:

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH Ext.	BTEx	Chlorides	Hold *	TPH	BTEx	Cl	TPH	BTEx	Cl	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:													ICE / COOL
1	S-1	0-6																					
2	S-1	1																					
3	S-1	2																					
4	S-1	3																					
5	S-1	4																					
6	S-2	0-6																					
7	S-2	1																					
8	S-2	2																					
9	S-2	3																					
10	S-2	4																					

REMARKS:

Email results to Chris Jones

TPH BTEx 50 - 3-Ex

100 Chlorides

100 TPH Ext 10 Benzene



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: SP-2					
Address: 1601 N. Turner St, Ste 500		Attn: Brady Wolder					
City: Hobbs		Address:					
Phone #: 575-964-7814		City:					
Fax #:		State:					
Project #: 1634		Zip:					
Project Name: Skelly 1634		Phone #:					
Project Location: Eddy County		Fax #:					
Sample Name: Heavy White							
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	
11	S-3 C-6			01/26			TPH Ext.
12	S-3 1						BTEX.
13	S-3 2						Chlorides
14	S-3 3						Hold *
15	S-3 4						TPH > added 2/6
16	S-4 0-6						Cl
17	S-4 1						Cl added 2/8
18	S-4 2						Cl added 2/9
19	S-4 3						
20	S-4 4						

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Relinquished By: *KG.W.* Date: *01/26/23* Time: *1025* Received By: *Shirley Wolder* Date: *01/26/23* Time: *1025*

Delivered By: (Circle One) *#113* Sample Condition: ☒ Cool ☒ Intact ☒ Yes ☒ No CHECKED BY: *AW*

Sampler - UPS - Bus - Other: *600/600*

REMARKS: *Final 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				BILL TO				ANALYSIS REQUEST			
Project Manager: Chris Jones				P.O. #:							
Address: 1601 N. Turner St., Ste 500				Company: SPUR							
City: Hobbs				Attn: Brady Wolden							
Phone #: 575-964-7814				Address:							
Fax #:				City:							
Project #:				State:							
Project Name: Skelly 634				Zip:							
Project Location: Eddy County				Phone #:							
Sample Name: Jeremy Wolden				Fax #:							
FOR LAB USE ONLY											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		DATE		TIME	
H23049		0-6						01-24			
31		S-5									
32		S-5									
33		S-5									
34		S-5									
35		S-5									
36		S-6									
37		S-6									
38		S-6									
39		S-6									
40		S-6									
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Relinquished By: R2. W		Date: 01-26-23		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:			
Relinquished By:		Date:		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:			
Delivered By: (Circle One)		Sample Condition		CHECKED BY: (Initials)							
Sampler - UPS - Bus - Other: 661/602		<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		98							
				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				BILL TO				ANALYSIS REQUEST																
Project Manager: Chris Jones				P.O. #:																				
Address: 1601 N. Turner St., Ste 500				Company: SPV2																				
City: Hobbs				Attn: Brady Wolder																				
State: NM zip: 88240				Address:																				
Phone #: 575-964-7814				City:																				
Fax #:				State:																				
Project Owner: SPV2				Zip:																				
Project Name: Skelly 634				Phone #:																				
Project Location: Eddy County				Fax #:																				
Sampler Name: Steven Weaver																								
FOR LAB USE ONLY																								
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS	MATRIX					PRESERV	SAMPLING	TIME	TPH Ext.	BTEX	Chlorides	Hold *	TPH > added 2/6	BTEX	TPH > added 2/8	BTEX		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :												
H230409	41	S-A	O-L																					
	42	S-A	1																					
	43	S-A	2																					
	44	S-A	3																					
	45	S-A	4																					
	46	S-10	O-L																					
	47	S-10	1																					
	48	S-10	2																					
	49	S-10	3																					
	50	S-10	4																					

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Relinquished By: <i>J.R.W.</i>	Date: 01/26/23	Received By: <i>[Signature]</i>
Time:		
Date:		
Time:		

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

REMARKS: * Email results to Chris Jones



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

January 31, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: SKELLY 634

Enclosed are the results of analyses for samples received by the laboratory on 01/27/23 10:25.

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".

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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BG - 1 0-6 (H230411-01)

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	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTX	<0.300	0.300	01/31/2023	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	32.0	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BG - 2 0-6 (H230411-06)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTX	<0.300	0.300	01/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	01/31/2023	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	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BG - 3 0-6 (H230411-11)

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	01/31/2023	ND	1.95	97.5	2.00	1.42	
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94	
Total BTEx	<0.300	0.300	01/31/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	01/31/2023	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	01/30/2023	ND	244	122	200	0.963	QM-07, QR-03
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	231	115	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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: SPW2			
City: Hobbs		Attn: Brady Weller			
Phone #: 575-964-7814		Address:			
Fax #:		City:			
Project #: SPW2		State:			
Project Name: Skelly 634		Zip:			
Project Location: Eddy County		Phone #:			
Sample Name: Heavy Metals		Fax #:			
FOR LAB USE ONLY		MATRIX		PRESERV	
Lab I.D.		Sample I.D.		DATE	
H230411		BG-1 0.6		01.24	
1 BG-1 1		2 BG-1 2		3 BG-1 3	
4 BG-1 4		5 BG-2 0.6		6 BG-2 1	
7 BG-2 2		8 BG-2 3		9 BG-2 4	
10 BG-2 4					
(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER	
				WASTEWATER	
				SOIL	
				OIL	
				SLUDGE	
				OTHER :	
				ACID/BASE:	
				ICE / COOL	
				OTHER :	
Relinquished By:		Date: 01/24/23		Received By:	
Relinquished By:		Date: 01/24/23		Received By:	
Delivered By: (Circle One)		Sample Condition:		CHECKED BY:	
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		(Initials)	
Leak/Leak		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		V-	
Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
REMARKS:		Email results to Chris Jones.			
		400-CL			
		100-TPH			
		50-BTEX			
		10-Bentene			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



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

January 31, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: SKELLY 634

Enclosed are the results of analyses for samples received by the laboratory on 01/27/23 10:25.

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,

DRAFT REPORT

DATA SUBJECT TO CHANGE



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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 1 0-6 (H230410-01)

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	01/31/2023	ND	1.95	97.5	2.00	1.42	
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94	
Total BTX	<0.300	0.300	01/31/2023	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	112	16.0	01/30/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	11.2	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	12.9	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

DRAFT REPORT

*=Accredited Analyte

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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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 2 0-6 (H230410-06)

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	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTEX	<0.300	0.300	01/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	64.0	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

DRAFT REPORT

*=Accredited Analyte

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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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 3 0-6 (H230410-11)

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	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTEX	<0.300	0.300	01/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	96.0	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 4 0-6 (H230410-16)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTEX	<0.300	0.300	01/31/2023	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	48.0	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 5 0-6 (H230410-21)

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	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTEX	<0.300	0.300	01/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	48.0	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

DRAFT REPORT

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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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 6 0-6 (H230410-26)

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	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTEX	<0.300	0.300	01/31/2023	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	48.0	16.0	01/30/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

DRAFT REPORT

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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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 7 0-6 (H230410-31)

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	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTEX	<0.300	0.300	01/31/2023	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	32.0	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	17.3	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

DRAFT REPORT

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DRAFT REPORT, DATA SUBJECT TO CHANGE



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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 8 0-6 (H230410-36)

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	01/31/2023	ND	1.95	97.5	2.00	1.42	
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94	
Total BTX	<0.300	0.300	01/31/2023	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	32.0	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

DRAFT REPORT

*=Accredited Analyte

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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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 9 0-6 (H230410-41)

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	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTEX	<0.300	0.300	01/31/2023	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	32.0	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

DRAFT REPORT

*=Accredited Analyte

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DRAFT REPORT, DATA SUBJECT TO CHANGE



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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 10 0-6 (H230410-46)

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	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTX	<0.300	0.300	01/31/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	48.0	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 11 0-6 (H230410-51)

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	01/31/2023	ND	1.95	97.5	2.00	1.42		
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94		
Total BTEX	<0.300	0.300	01/31/2023	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	272	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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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: 01/27/2023
Reported: 01/31/2023
Project Name: SKELLY 634
Project Number: EDDY COUNTY
Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/26/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - 12 0-6 (H230410-56)

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	01/31/2023	ND	1.95	97.5	2.00	1.42	
Toluene*	<0.050	0.050	01/31/2023	ND	2.04	102	2.00	2.31	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.01	100	2.00	3.28	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.03	101	6.00	3.94	
Total BTEX	<0.300	0.300	01/31/2023	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	4920	16.0	01/30/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/30/2023	ND	222	111	200	4.19	
DRO >C10-C28*	<10.0	10.0	01/30/2023	ND	239	120	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	01/30/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Notes and Definitions

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

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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 Project #: Project Name: Skelly 634 Project Location: Eddy County Sampler Name: Jeremy Jensen				P.O. #: Company: SPU2 Attn: Brady Wolder Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				BILL TO			
Lab I.D.				Sample I.D.			
1 SW-1 0.6 2 SW-1 1 3 SW-1 2 4 SW-1 3 5 SW-1 4 6 SW-1 0.6 7 SW-1 1 8 SW-2 1 9 SW-2 3 10 SW-2 4				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME			
11 SW-1 0.6 12 SW-1 1 13 SW-1 2 14 SW-1 3 15 SW-1 4 16 SW-1 0.6 17 SW-1 1 18 SW-2 1 19 SW-2 3 20 SW-2 4				11 SW-1 0.6 12 SW-1 1 13 SW-1 2 14 SW-1 3 15 SW-1 4 16 SW-1 0.6 17 SW-1 1 18 SW-2 1 19 SW-2 3 20 SW-2 4			
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Relinquished By: [Signature] Relinquished By: [Signature]				Received By: [Signature] Received By: [Signature]			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				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 #:				ANALYSIS REQUEST			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs Phone #: 575-964-7814 State: NM Zip: 88240 Project #: Project Name: Skelly 634 Project Location: Eddy County Sampler Name: FOR LAB USE ONLY										P.O. #: Company: SPL 2 Attn: Braxton Wolder Address: City: State: Zip: Phone #: Fax #:									
Lab I.D. Sample I.D.										BILL TO									
Matrix <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER :										ANALYSIS REQUEST									
FOR LAB USE ONLY										DATE									
Lab I.D.										TIME									
Sample I.D.										DATE									
Matrix										TIME									
GROUNDWATER										DATE									
WASTEWATER										TIME									
SOIL										DATE									
OIL										TIME									
SLUDGE										DATE									
OTHER :										TIME									
ACID/BASE:										DATE									
ICE / COOL										TIME									
OTHER :										DATE									
DATE										TIME									
Matrix										TIME									
GROUNDWATER										DATE									
WASTEWATER										TIME									
SOIL										DATE									
OIL										TIME									
SLUDGE										DATE									
OTHER :										TIME									
ACID/BASE:										DATE									
ICE / COOL										TIME									
OTHER :										DATE									
DATE										TIME									
Matrix										TIME									
GROUNDWATER										DATE									
WASTEWATER										TIME									
SOIL										DATE									
OIL										TIME									
SLUDGE										DATE									
OTHER :										TIME									
ACID/BASE:										DATE									
ICE / COOL										TIME									
OTHER :										DATE									
DATE										TIME									
Matrix										TIME									
GROUNDWATER										DATE									
WASTEWATER										TIME									
SOIL										DATE									
OIL										TIME									
SLUDGE										DATE									
OTHER :										TIME									
ACID/BASE:										DATE									
ICE / COOL										TIME									
OTHER :										DATE									
DATE										TIME									
Matrix										TIME									
GROUNDWATER										DATE									
WASTEWATER										TIME									
SOIL										DATE									
OIL										TIME									
SLUDGE										DATE									
OTHER :										TIME									
ACID/BASE:										DATE									
ICE / COOL										TIME									
OTHER :										DATE									
DATE										TIME									
Matrix										TIME									
GROUNDWATER										DATE									
WASTEWATER										TIME									
SOIL										DATE									
OIL										TIME									
SLUDGE										DATE									
OTHER :										TIME									
ACID/BASE:										DATE									
ICE / COOL										TIME									
OTHER :										DATE									
DATE										TIME									
Matrix										TIME									
GROUNDWATER										DATE									
WASTEWATER										TIME									
SOIL										DATE									
OIL										TIME									
SLUDGE										DATE									
OTHER :										TIME									
ACID/BASE:										DATE									
ICE / COOL										TIME									
OTHER :										DATE									
DATE										TIME									
Matrix										TIME									
GROUNDWATER																			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



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: SP&D							
City: Hobbs				State: NM Zip: 88240				Attn: Ducky Molder			
Phone #: 575-964-7814				Fax #:				Address:			
Project #:				Project Owner: SP&D				City:			
Project Name: Shell 634				State:				Zip:			
Project Location: Eddy County				Phone #:							
Sampler Name: Jeremy Warner				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	TPH Ext.	BTEX	Chlorides	Hold *											
4230410	31 SW-7 G-L												6/12/06																
	32 SW-7 1																												
	33 SW-7 2																												
	34 SW-7 3																												
	35 SW-7 4																												
	36 SW-8 6-L																												
	37 SW-8 1																												
	38 SW-8 2																												
	39 SW-8 3																												
	40 SW-8 4																												

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Relinquished By: <i>AS-116</i>		Date: 6/12/06		Received By: <i>[Signature]</i>		Date: 6/12/06	
Time: 10:25		Time: 10:25		Time: 10:25		Time: 10:25	

Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS Bus Other: <i>60.6°/6.0°</i>	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	<i>AS</i>

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. #:		ANALYSIS REQUEST														
Project Manager: Chris Jones		Company: SPV2																
Address: 1601 N. Turner St., Ste 500		Attn: Brock Wolder																
City: Hobbs		Address:																
Phone #: 575-964-7814		City:																
Fax #:		State:																
Project #:		Zip:																
Project Name: Shelby 634		Phone #:																
Project Location: Eddy County		Fax #:																
Sampler Name: Jeremy Warner																		
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH Ext.	3TEX	Chlorides	Hold *
41	SW-4 O.L												01-26					
42	SW-4 1																	
43	SW-4 2																	
44	SW-4 3																	
45	SW-4 4																	
46	SW-16 G.L																	
47	SW-10 1																	
48	SW-10 2																	
49	SW-16 3																	
50	SW-10 4																	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising under this 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: [Signature]		Received By: [Signature]		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 #: _____		REMARKS: 100. Chloride 50. 3TEX 100. TPH Ext 10. Benzene				
Relinquished By: [Signature]		Date: 01/24/23		Time: 10:25		Received By: [Signature]		Date: 01/24/23		Time: 10:25		Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: [Signature]		Email results to Chris Jones		
Delivered By: (Circle One)		Sampler - UPS - Bus - Other:		Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: [Signature]												

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



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

July 11, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: SKELLY 634

Enclosed are the results of analyses for samples received by the laboratory on 06/12/23 16:52.

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

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

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

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

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 1 2'	H233006-01	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 2 3'	H233006-02	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 3 3'	H233006-03	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 4 3'	H233006-04	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 5 3'	H233006-05	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 6 3'	H233006-06	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 7 3'	H233006-07	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 8 3'	H233006-08	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 9 5'	H233006-09	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 10 5'	H233006-10	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 11 5'	H233006-11	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 12 5'	H233006-12	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 13 3'	H233006-13	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 14 3'	H233006-14	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 15 3'	H233006-15	Soil	09-Jun-23 00:00	12-Jun-23 16:52
S - 16 3'	H233006-16	Soil	09-Jun-23 00:00	12-Jun-23 16:52
WSW - 1 3'	H233006-17	Soil	09-Jun-23 00:00	12-Jun-23 16:52
WSW - 2 3'	H233006-18	Soil	09-Jun-23 00:00	12-Jun-23 16:52
WSW - 3 3'	H233006-19	Soil	09-Jun-23 00:00	12-Jun-23 16:52
ESW - 1 2'	H233006-20	Soil	09-Jun-23 00:00	12-Jun-23 16:52
SSW - 1 2'	H233006-21	Soil	09-Jun-23 00:00	12-Jun-23 16:52
SSW - 2 3'	H233006-22	Soil	09-Jun-23 00:00	12-Jun-23 16:52
SSW - 3 3'	H233006-23	Soil	09-Jun-23 00:00	12-Jun-23 16:52
SSW - 4 3'	H233006-24	Soil	09-Jun-23 00:00	12-Jun-23 16:52
SSW - 5 5'	H233006-25	Soil	09-Jun-23 00:00	12-Jun-23 16:52
SSW - 6 3'	H233006-26	Soil	09-Jun-23 00:00	12-Jun-23 16:52
SSW - 7 3'	H233006-27	Soil	09-Jun-23 00:00	12-Jun-23 16:52

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

SSW - 8	3'	H233006-28	Soil	09-Jun-23 00:00	12-Jun-23 16:52
NSW - 1	2'	H233006-29	Soil	09-Jun-23 00:00	12-Jun-23 16:52
NSW - 2	3'	H233006-30	Soil	09-Jun-23 00:00	12-Jun-23 16:52
NSW - 3	3'	H233006-31	Soil	09-Jun-23 00:00	12-Jun-23 16:52
NSW - 4	3'	H233006-32	Soil	09-Jun-23 00:00	12-Jun-23 16:52
NSW - 5	5'	H233006-33	Soil	09-Jun-23 00:00	12-Jun-23 16:52
NSW - 6	3'	H233006-34	Soil	09-Jun-23 00:00	12-Jun-23 16:52
NSW - 7	3'	H233006-35	Soil	09-Jun-23 00:00	12-Jun-23 16:52
NSW - 8	3'	H233006-36	Soil	09-Jun-23 00:00	12-Jun-23 16:52

07/11/23 - Client changed sample IDs (see COC). This is the revised report and will replace the one sent on 06/15/23.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 1 2'
H233006-01 (Soil)

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

Chloride	256		16.0	mg/kg	4	3061418	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	QM-07
Toluene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		3061408	MS	14-Jun-23	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	QM-07, QR-03
DRO >C10-C28*	13.8		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
Surrogate: 1-Chlorooctane			93.0 %	48.2-134		3061404	MS	14-Jun-23	8015B	
Surrogate: 1-Chlorooctadecane			97.0 %	49.1-148		3061404	MS	14-Jun-23	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 2 3'
H233006-02 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	3061418	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061408	MS	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134 3061408 MS 14-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane 97.2 % 48.2-134 3061404 MS 14-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 102 % 49.1-148 3061404 MS 14-Jun-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 3 3'
H233006-03 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	3061418	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061408	MS	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3061408	MS	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			91.5 %		48.2-134	3061404	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			95.2 %		49.1-148	3061404	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 4 3'
H233006-04 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3061418	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061408	MS	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		3061408	MS	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			94.5 %	48.2-134		3061404	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			100 %	49.1-148		3061404	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 5 3'
H233006-05 (Soil)

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

Chloride	128		16.0	mg/kg	4	3061418	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061408	MS	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134 3061408 MS 14-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane 92.1 % 48.2-134 3061404 MS 14-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148 3061404 MS 14-Jun-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 6 3'
H233006-06 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3061418	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061408	MS	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3061408	MS	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			85.9 %	48.2-134		3061404	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			90.5 %	49.1-148		3061404	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 7 3'
H233006-07 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3061418	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061408	MS	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3061408	MS	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061404	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			86.2 %		48.2-134	3061404	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			89.1 %		49.1-148	3061404	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 8 3'
H233006-08 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3061418	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061408	MS	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		3061408	MS	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			86.5 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			88.8 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 9 5'
H233006-09 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3061418	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061408	MS	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061408	MS	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		3061408	MS	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			87.8 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			89.8 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 10 5'
H233006-10 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3061418	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			85.2 %		48.2-134	3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			87.9 %		49.1-148	3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 11 5'
H233006-11 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			112 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			117 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 12 5'
H233006-12 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			83.8 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			85.0 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 13 3'
H233006-13 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.8 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.8 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 14 3'
H233006-14 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.4 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			79.0 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 15 3'
H233006-15 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			86.0 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.8 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

S - 16 3'
H233006-16 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.3 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.9 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

WSW - 1 3'
H233006-17 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			104 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			107 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

WSW - 2 3'
H233006-18 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.3 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.1 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

WSW - 3 3'
H233006-19 (Soil)

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

Chloride	304		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		104 %		71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane		84.5 %		48.2-134		3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane		86.6 %		49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

ESW - 1 2'
H233006-20 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			103 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			106 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

SSW - 1 2'
H233006-21 (Soil)

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

Chloride	112		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	10.9		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			85.2 %		48.2-134	3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			88.8 %		49.1-148	3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

SSW - 2 3'
H233006-22 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			85.8 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			88.3 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

SSW - 3 3'
H233006-23 (Soil)

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

Chloride	80.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			109 %	48.2-134		3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			113 %	49.1-148		3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

SSW - 4 3'
H233006-24 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		71.5-134	3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			81.0 %		48.2-134	3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			81.9 %		49.1-148	3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

SSW - 5 5'
H233006-25 (Soil)

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

Chloride	240		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			82.8 %		48.2-134	3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			85.5 %		49.1-148	3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

SSW - 6 3'
H233006-26 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			87.1 %		48.2-134	3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			88.6 %		49.1-148	3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

SSW - 7 3'
H233006-27 (Soil)

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

Chloride	336		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		71.5-134	3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061405	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			79.7 %		48.2-134	3061405	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			81.9 %		49.1-148	3061405	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

SSW - 8 3'
H233006-28 (Soil)

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

Chloride	256		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %		71.5-134	3061409	MS	15-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			98.6 %		48.2-134	3061406	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			108 %		49.1-148	3061406	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

NSW - 1 2'
H233006-29 (Soil)

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

Chloride	64.0		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061409	MS	15-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061409	MS	15-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134 3061409 MS 15-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane 111 % 48.2-134 3061406 MS 14-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 121 % 49.1-148 3061406 MS 14-Jun-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

NSW - 2 3'
H233006-30 (Soil)

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

Chloride	304		16.0	mg/kg	4	3061419	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061410	JH/	14-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			109 %	71.5-134		3061410	JH/	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			105 %	48.2-134		3061406	MS	14-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			113 %	49.1-148		3061406	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

NSW - 3 3'
H233006-31 (Soil)

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

Chloride	272		16.0	mg/kg	4	3061426	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061410	JH/	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134	3061410	JH/	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			93.9 %		48.2-134	3061406	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			102 %		49.1-148	3061406	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

NSW - 4 3'
H233006-32 (Soil)

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

Chloride	320		16.0	mg/kg	4	3061426	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061410	JH/	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		3061410	JH/	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			114 %	48.2-134		3061406	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			122 %	49.1-148		3061406	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

NSW - 5 5'
H233006-33 (Soil)

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

Chloride	192		16.0	mg/kg	4	3061426	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061410	JH/	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		71.5-134	3061410	JH/	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			105 %		48.2-134	3061406	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			113 %		49.1-148	3061406	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

NSW - 6 3'
H233006-34 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3061426	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061410	JH/	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		3061410	JH/	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			97.4 %	48.2-134		3061406	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	49.1-148		3061406	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

NSW - 7 3'
H233006-35 (Soil)

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

Chloride	304		16.0	mg/kg	4	3061426	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061410	JH/	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %		71.5-134	3061410	JH/	14-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane			102 %		48.2-134	3061406	MS	14-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			107 %		49.1-148	3061406	MS	14-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

NSW - 8 3'
H233006-36 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	3061426	AC	14-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3061410	JH/	14-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3061410	JH/	14-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134 3061410 JH/ 14-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3061406	MS	14-Jun-23	8015B	

Surrogate: 1-Chlorooctane 101 % 48.2-134 3061406 MS 14-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 106 % 49.1-148 3061406 MS 14-Jun-23 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3061418 - 1:4 DI Water**Blank (3061418-BLK1)**

Prepared & Analyzed: 14-Jun-23

Chloride	ND	16.0	mg/kg							
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LCS (3061418-BS1)

Prepared & Analyzed: 14-Jun-23

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (3061418-BSD1)

Prepared & Analyzed: 14-Jun-23

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Batch 3061419 - 1:4 DI Water**Blank (3061419-BLK1)**

Prepared & Analyzed: 14-Jun-23

Chloride	ND	16.0	mg/kg							
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LCS (3061419-BS1)

Prepared & Analyzed: 14-Jun-23

Chloride	400	16.0	mg/kg	400		100	80-120			
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LCS Dup (3061419-BSD1)

Prepared & Analyzed: 14-Jun-23

Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	
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Batch 3061426 - 1:4 DI Water**Blank (3061426-BLK1)**

Prepared & Analyzed: 14-Jun-23

Chloride	ND	16.0	mg/kg							
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LCS (3061426-BS1)

Prepared & Analyzed: 14-Jun-23

Chloride	400	16.0	mg/kg	400		100	80-120			
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3061426 - 1:4 DI Water**LCS Dup (3061426-BSD1)**

Prepared & Analyzed: 14-Jun-23

Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3061408 - Volatiles**Blank (3061408-BLK1)**

Prepared & Analyzed: 14-Jun-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0523		mg/kg	0.0500		105	71.5-134			

LCS (3061408-BS1)

Prepared & Analyzed: 14-Jun-23

Benzene	2.52	0.050	mg/kg	2.00		126	81.4-118			BS-3
Toluene	2.48	0.050	mg/kg	2.00		124	88.7-121			BS-3
Ethylbenzene	2.40	0.050	mg/kg	2.00		120	86.1-120			
m,p-Xylene	4.94	0.100	mg/kg	4.00		124	88.2-124			
o-Xylene	2.38	0.050	mg/kg	2.00		119	84.9-118			BS-3
Total Xylenes	7.32	0.150	mg/kg	6.00		122	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.7	71.5-134			

LCS Dup (3061408-BSD1)

Prepared & Analyzed: 14-Jun-23

Benzene	2.40	0.050	mg/kg	2.00		120	81.4-118	4.90	15.8	BS-3
Toluene	2.35	0.050	mg/kg	2.00		118	88.7-121	5.14	15.9	
Ethylbenzene	2.26	0.050	mg/kg	2.00		113	86.1-120	5.90	16	
m,p-Xylene	4.65	0.100	mg/kg	4.00		116	88.2-124	6.08	16.2	
o-Xylene	2.25	0.050	mg/kg	2.00		112	84.9-118	5.71	16.7	
Total Xylenes	6.90	0.150	mg/kg	6.00		115	87.3-122	5.96	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0495		mg/kg	0.0500		99.0	71.5-134			

Batch 3061409 - Volatiles**Blank (3061409-BLK1)**

Prepared & Analyzed: 14-Jun-23

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

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3061409 - Volatiles**Blank (3061409-BLK1)**

Prepared & Analyzed: 14-Jun-23

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/kg	0.0500		103	71.5-134			

LCS (3061409-BS1)

Prepared & Analyzed: 14-Jun-23

Benzene	2.55	0.050	mg/kg	2.00		127	81.4-118			BS-3
Toluene	2.47	0.050	mg/kg	2.00		124	88.7-121			BS-3
Ethylbenzene	2.37	0.050	mg/kg	2.00		118	86.1-120			
m,p-Xylene	4.88	0.100	mg/kg	4.00		122	88.2-124			
o-Xylene	2.34	0.050	mg/kg	2.00		117	84.9-118			
Total Xylenes	7.22	0.150	mg/kg	6.00		120	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0499		mg/kg	0.0500		99.8	71.5-134			

LCS Dup (3061409-BS1)

Prepared & Analyzed: 14-Jun-23

Benzene	2.31	0.050	mg/kg	2.00		115	81.4-118	9.86	15.8	
Toluene	2.28	0.050	mg/kg	2.00		114	88.7-121	7.96	15.9	
Ethylbenzene	2.21	0.050	mg/kg	2.00		111	86.1-120	6.85	16	
m,p-Xylene	4.56	0.100	mg/kg	4.00		114	88.2-124	6.91	16.2	
o-Xylene	2.15	0.050	mg/kg	2.00		108	84.9-118	8.46	16.7	
Total Xylenes	6.71	0.150	mg/kg	6.00		112	87.3-122	7.41	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.6	71.5-134			

Batch 3061410 - Volatiles**Blank (3061410-BLK1)**

Prepared & Analyzed: 14-Jun-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0547		mg/kg	0.0500		109	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3061410 - Volatiles**LCS (3061410-BS1)**

Prepared & Analyzed: 14-Jun-23

Benzene	2.20	0.050	mg/kg	2.00		110	81.4-118			
Toluene	2.24	0.050	mg/kg	2.00		112	88.7-121			
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	86.1-120			
m,p-Xylene	4.50	0.100	mg/kg	4.00		113	88.2-124			
o-Xylene	2.17	0.050	mg/kg	2.00		109	84.9-118			
Total Xylenes	6.68	0.150	mg/kg	6.00		111	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0496		mg/kg	0.0500		99.2	71.5-134			

LCS Dup (3061410-BSD1)

Prepared & Analyzed: 14-Jun-23

Benzene	2.15	0.050	mg/kg	2.00		107	81.4-118	2.60	15.8	
Toluene	2.16	0.050	mg/kg	2.00		108	88.7-121	3.52	15.9	
Ethylbenzene	2.20	0.050	mg/kg	2.00		110	86.1-120	3.89	16	
m,p-Xylene	4.36	0.100	mg/kg	4.00		109	88.2-124	3.30	16.2	
o-Xylene	2.12	0.050	mg/kg	2.00		106	84.9-118	2.68	16.7	
Total Xylenes	6.47	0.150	mg/kg	6.00		108	87.3-122	3.10	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3061404 - General Prep - Organics**Blank (3061404-BLK1)**

Prepared & Analyzed: 14-Jun-23

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.8		mg/kg	49.6		82.3	48.2-134			
Surrogate: 1-Chlorooctadecane	43.8		mg/kg	50.0		87.5	49.1-148			

LCS (3061404-BS1)

Prepared & Analyzed: 14-Jun-23

GRO C6-C10	175	10.0	mg/kg	200		87.4	78.5-124			
DRO >C10-C28	159	10.0	mg/kg	200		79.7	72.5-126			
Total TPH C6-C28	334	10.0	mg/kg	400		83.5	77.6-123			
Surrogate: 1-Chlorooctane	45.7		mg/kg	49.6		92.3	48.2-134			
Surrogate: 1-Chlorooctadecane	46.8		mg/kg	50.0		93.6	49.1-148			

LCS Dup (3061404-BS1)

Prepared & Analyzed: 14-Jun-23

GRO C6-C10	178	10.0	mg/kg	200		89.2	78.5-124	2.08	17.7	
DRO >C10-C28	160	10.0	mg/kg	200		79.9	72.5-126	0.271	21	
Total TPH C6-C28	338	10.0	mg/kg	400		84.6	77.6-123	1.22	18.5	
Surrogate: 1-Chlorooctane	45.5		mg/kg	49.6		91.8	48.2-134			
Surrogate: 1-Chlorooctadecane	46.5		mg/kg	50.0		93.1	49.1-148			

Batch 3061405 - General Prep - Organics**Blank (3061405-BLK1)**

Prepared & Analyzed: 14-Jun-23

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	38.1		mg/kg	49.6		76.9	48.2-134			
Surrogate: 1-Chlorooctadecane	41.6		mg/kg	50.0		83.2	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3061405 - General Prep - Organics**LCS (3061405-BS1)**

Prepared & Analyzed: 14-Jun-23

GRO C6-C10	157	10.0	mg/kg	200		78.7	78.5-124			
DRO >C10-C28	165	10.0	mg/kg	200		82.4	72.5-126			
Total TPH C6-C28	322	10.0	mg/kg	400		80.6	77.6-123			
Surrogate: 1-Chlorooctane	43.4		mg/kg	49.6		87.6	48.2-134			
Surrogate: 1-Chlorooctadecane	44.6		mg/kg	50.0		89.1	49.1-148			

LCS Dup (3061405-BS1)

Prepared & Analyzed: 14-Jun-23

GRO C6-C10	158	10.0	mg/kg	200		79.2	78.5-124	0.542	17.7	
DRO >C10-C28	165	10.0	mg/kg	200		82.3	72.5-126	0.219	21	
Total TPH C6-C28	323	10.0	mg/kg	400		80.7	77.6-123	0.153	18.5	
Surrogate: 1-Chlorooctane	42.8		mg/kg	49.6		86.5	48.2-134			
Surrogate: 1-Chlorooctadecane	43.2		mg/kg	50.0		86.5	49.1-148			

Batch 3061406 - General Prep - Organics**Blank (3061406-BLK1)**

Prepared: 14-Jun-23 Analyzed: 15-Jun-23

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.7		mg/kg	49.6		82.2	48.2-134			
Surrogate: 1-Chlorooctadecane	45.4		mg/kg	50.0		90.8	49.1-148			

LCS (3061406-BS1)

Prepared: 14-Jun-23 Analyzed: 15-Jun-23

GRO C6-C10	180	10.0	mg/kg	200		90.1	78.5-124			
DRO >C10-C28	183	10.0	mg/kg	200		91.4	72.5-126			
Total TPH C6-C28	363	10.0	mg/kg	400		90.8	77.6-123			
Surrogate: 1-Chlorooctane	54.9		mg/kg	49.6		111	48.2-134			
Surrogate: 1-Chlorooctadecane	57.2		mg/kg	50.0		114	49.1-148			

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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 634
Project Number: NOT GIVEN
Project Manager: CHRIS JONES
Fax To:

Reported:
11-Jul-23 10:27

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3061406 - General Prep - Organics**LCS Dup (3061406-BSD1)**

Prepared & Analyzed: 14-Jun-23

GRO C6-C10	184	10.0	mg/kg	200		92.2	78.5-124	2.28	17.7	
DRO >C10-C28	190	10.0	mg/kg	200		95.2	72.5-126	4.07	21	
Total TPH C6-C28	375	10.0	mg/kg	400		93.7	77.6-123	3.19	18.5	
Surrogate: 1-Chlorooctane	55.5		mg/kg	49.6		112	48.2-134			
Surrogate: 1-Chlorooctadecane	59.4		mg/kg	50.0		119	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST	
Project Manager: Chris Jones		P.O. #:			
Address: 1601 N. Turner St., Ste 500		Company: <i>Spur</i>			
City: Hobbs		Attn:			
Phone #: 575-964-7814		Address:			
Fax #:		City:			
Project #:		State:			
Project Name: <i>Skelly 634</i>		Zip:			
Project Location: <i>Rt 1 & Ed 14</i>		Phone #:			
Sampler Name: <i>HPA & PTA</i>		Fax #:			
FOR LAB USE ONLY		MATRIX		PRESERV	
Lab I.D.		Sample I.D.		DATE	
H233006		5-1 21		6-9	
1		5-2 31			
2		5-3 31			
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4		5-5 31			
5		5-6 31			
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs Phone #: 575-964-7814 Project #: Project Name: Project Location: Sampler Name:				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				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 Chlorides BTEX			
11 12 13 14 15 16 17 18 19 20	5-11 5-12 5-13 5-14 5-15 5-16 5-17 5-18 5-19 5-20	3 3 3 3 3 3 3 3 3 3	6-9 6-9 6-9 6-9 6-9 6-9 6-9 6-9 6-9 6-9	[Blank grid for data entry]			
Relinquished By: _____ Date: 6-12 Time: 10:52 Received By: _____ Date: 6-12 Time: 10:52				REMARKS: * Customer requested ID charges.			
Delivered By: (Circle One) Sampler - UPS Bus Other:				CHECKED BY: _____ (Initials)			



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:																									
City: Hobbs				Attn:																									
State: NM zip: 88240				Address:																									
Phone #: 575-964-7814 Fax #:				City:																									
Project #:				State:																									
Project Location:				Phone #:																									
Sampler Name:				Fax #:																									
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	
H233006		55W-1		21		✓																				6-9			
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23		55W-3		21																									
24		55W-4		31																									
25		55W-5		31																									
26		55W-6		31																									
27		55W-7		31																									
28		55W-8		31																									
29		55W-9		31																									
30		55W-10		31																									



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:																	
City: Hobbs		Attn:																	
Phone #: 575-964-7814		Address:																	
Fax #:		City:																	
Project #:		State:																	
Project Name:		Phone #:																	
Project Location:		Fax #:																	
Sampler Name:																			
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														
H233204	Abul-3	31	31	6-9		TPH													
31	Abul-4	31	31			BTCX													
32	Abul-5	31	31			Chlorides													
33	Abul-6	31	31																
34	Abul-7	31	31																
35	Abul-8	31	31																
36	Abul-9	31	31																
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:		Date: 6-12	Received By:																
Time: 10:52		Date: 6-12	Received By:																
Relinquished By:		Date:	Received By:																
Delivered By: (Circle One)		#113	Sample Condition																
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>			Checked BY: (Initials)																
Sampler - UPS - Bus - Other:		4.1c/3.5c	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>																
Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326																			

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 239546

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 239546
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2300948844 SKELLY UNIT #634, thank you. This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation including pictures of the contoured backfilled excavation surface and a thorough discussion on reseeding mixture, vegetation ratio, timelines, etc..., will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	1/3/2024