

Spill Volume(Bbls) Calculator*Inputs in blue, Outputs in red*

| Length(Ft) | Width(Ft) | Depth(In) |
|-------------------------------|-----------------------------------|-----------|
| 20.000 | 10.000 | 0.500 |
| Cubic Feet Impacted | | 8.333 |
| Barrels | | 1.48 |
| Soil Type | | Clay |
| Bbls Assuming 100% Saturation | | 0.15 |
| Saturation | Fluid present with shovel/backhoe | |
| Estimated Barrels Released | | 0.20000 |

Instructions

1. Input spill measurements below. Length and width need to be input in feet and depth in inches.

2. Select a soil type from the drop down menu.

3. Select a saturation level from the drop down menu.

(For data gathering instructions see appendix tab)

Measurements

| | |
|-------------|-------|
| | |
| Length (ft) | 20 |
| Width (ft) | 10 |
| Depth (in) | 0.500 |









July 22, 2024

NMOCD District 2
Mike Bratcher
Artesia, NM 88210

Bureau of Land Management
Crisha Morgan
Carlsbad Field Office

Re: Site Assessment, Remediation, and Closure Request
Gissler Federal #1
API No. 30-015-22456
GPS: Latitude 32.85848 Longitude -103.99202
UL "O", Sec. 05, T17S, R30E
Eddy County, NM
NMOCD Ref. No. nAPP2412231923

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 Gissler Federal #1 (Gissler). Details of the release are summarized below:

| Release Details | | | |
|--|----------------------------|--|----------|
| Type of Release: | Produced Water & Crude Oil | Volume of Release: | 0.2 bbls |
| | | Volume Recovered: | 0 bbls |
| Source of Release: | Lightning Strike | Date of Release: | 8/17/23 |
| 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 |
| Lightning struck the tank causing a small spray of oil and produced water mix onto the pad that subsequently burnt up. | | | |

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

REGULATORY FRAMEWORK & SITE CHARACTERIZATION

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

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

Depth to groundwater information is provided in Appendix A.

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

- A Continuously flowing watercourse or any other significant watercourse- > 5 Mile
- Any lakebed, sinkhole, or playa lake- 1-5 mi
- An occupied permanent residence, school, hospital, institution, or church- 1-5 mi
- A spring or a private domestic fresh water well used by less than 5 households for domestic or stock watering purposes- 1-5 mi
- Any other fresh water well or spring- 1-5 mi
- Incorporated municipal boundaries or a defined municipal fresh water well field- 1-5 mi
- A wetland- 1-5 mi
- A subsurface mine- >5 mi
- An (non-karst) unstable area- >5 mi
- Categorize the risk of this well/site being in a karst area geology- Low
- A 100-year floodplain- 1/2-1 mi
- Did the release impact areas not on an exploration, development, production, or storage site- Yes

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 both 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.

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

INITIAL SITE ASSESSMENT

On May 8, 2024, Paragon conducted an initial site assessment. During the initial site assessment, it was determined to gather samples in the area where the tank burnt down. Eight (8) soil samples were collected in this area to determine the vertical and horizontal extent of soil impact. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A table summarizing laboratory analytical results from soil samples collected during the above-stated activities is provided below:

8-24-22 Laboratory Results

| NMOC Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50') | | | | | | | | |
|--|-------------|-----------------------------------|-----------------------------------|-----|------|------|----------------------------------|----------------------------------|
| Sample Date 5/8/24 | | 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 | 267 | 145 | 412 | 64 |
| | 1' | ND | ND | ND | ND | ND | ND | 64 |
| | 2' | ND | ND | ND | ND | ND | ND | 32 |
| | 3' | ND | ND | ND | ND | ND | ND | 16 |
| | 4' | ND | ND | ND | ND | ND | ND | 48 |
| S-2 | 0-6" | ND | ND | ND | ND | ND | ND | 16 |
| | 1' | ND | ND | ND | ND | ND | ND | 80 |
| | 2' | ND | ND | ND | 980 | 523 | 1503 | 800 |
| | 3' | ND | ND | ND | ND | 24.1 | 24.1 | 560 |
| | 4' | ND | ND | ND | ND | ND | ND | 1090 |
| | 5' | ND | ND | ND | 12.2 | ND | 12.2 | 2800 |
| | 6' | ND | ND | ND | ND | ND | ND | 336 |
| S-3 | 0-6" | ND | ND | ND | 2160 | 1120 | 3280 | 752 |
| | 1' | ND | ND | ND | 622 | 433 | 1055 | 2680 |
| | 2' | ND | ND | ND | ND | 19.3 | 19.3 | 1120 |
| | 3' | ND | ND | ND | ND | ND | ND | 192 |
| | 4' | ND | ND | ND | ND | ND | ND | 1090 |
| | 5' | ND | ND | ND | 13 | ND | 13 | 2240 |
| | 6' | ND | ND | ND | ND | ND | ND | 320 |
| S-4 | 0-6" | ND | ND | ND | 4870 | 1970 | 6840 | 1280 |
| | 1' | ND | ND | ND | 73.1 | 87.1 | 160.2 | 3200 |
| | 2' | ND | ND | ND | 27.7 | 16.3 | 44 | 352 |
| | 3' | ND | ND | ND | 17 | ND | 17 | 464 |
| | 4' | ND | ND | ND | ND | ND | ND | 2520 |
| | 5' | ND | ND | ND | ND | ND | ND | 3040 |
| | 6' | ND | ND | ND | ND | ND | ND | 336 |
| HZ-1 | 0-6" | ND | ND | ND | ND | ND | ND | 16 |
| | 1' | ND | ND | ND | ND | ND | ND | 32 |
| | 2' | ND | ND | ND | ND | ND | ND | 16 |
| | 3' | ND | ND | ND | ND | ND | ND | 32 |
| | 4' | ND | ND | ND | ND | ND | ND | ND |
| HZ-2 | 0-6" | ND | ND | ND | ND | ND | ND | ND |
| | 1' | ND | ND | ND | ND | ND | ND | ND |
| | 2' | ND | ND | ND | ND | ND | ND | ND |
| | 3' | ND | ND | ND | ND | ND | ND | ND |
| | 4' | ND | ND | ND | ND | ND | ND | ND |
| HZ-3 | 0-6" | ND | ND | ND | ND | ND | ND | ND |
| | 1' | ND | ND | ND | ND | ND | ND | ND |
| | 2' | ND | ND | ND | ND | ND | ND | ND |
| | 3' | ND | ND | ND | ND | ND | ND | ND |
| | 4' | ND | ND | ND | ND | ND | ND | ND |
| HZ-4 | 0-6" | ND | ND | ND | ND | ND | ND | ND |
| | 1' | ND | ND | ND | ND | ND | ND | ND |
| | 2' | ND | ND | ND | ND | ND | ND | ND |
| | 3' | ND | ND | ND | ND | ND | ND | ND |
| | 4' | ND | ND | ND | ND | ND | ND | ND |

(ND) Analyte Not Detected/ Laboratory data is attached in Appendix D

A Site Map is provided in Figure #1.

REMEDIATION ACTIVITIES

On March 18th, 2024, Paragon mobilized personnel and heavy 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 remediation activities consisted of the following:

- The area of S-1 was excavated to a depth of 1 foot BGS. The area measured approximately 250 S/F. We removed approximately 10 C/Y of material.
- The areas of S-2, S-3, and S-4 were excavated to a depth of 6 feet BGS. The area measured approximately 260 S/F. We removed approximately 60 C/Y.

Notification was submitted to the NMOCD prior to obtaining confirmation samples. The bottom samples were representative of no more than 200 sq/ft, and the sidewall samples were obtained every 50 feet. The results of this sampling event are in the following data table.

6-13-24 Confirmation Laboratory Results

| SampleName | Sampled | Units | Benzene | Chloride | DRO >C10-C28 | Ethylbenzene | EXT DRO >C28-C36 | GRO C6-C10 | Toluene | Total BTEX | Total Xylenes |
|------------|--------------|-------|---------|----------|--------------|--------------|------------------|------------|---------|------------|---------------|
| S-1 6' | 6/13/24 0:00 | mg/kg | <0.050 | 32 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |
| S-2 6' | 6/13/24 0:00 | mg/kg | <0.050 | 32 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |
| S-3 1' | 6/13/24 0:00 | mg/kg | <0.050 | 32 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |
| S-4 1' | 6/13/24 0:00 | mg/kg | <0.050 | 32 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |
| NSW- 1 6' | 6/13/24 0:00 | mg/kg | <0.050 | 16 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |
| NSW- 2 1' | 6/13/24 0:00 | mg/kg | <0.050 | 16 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |
| SSW- 1 6' | 6/13/24 0:00 | mg/kg | <0.050 | 16 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |
| SSW- 2 1' | 6/13/24 0:00 | mg/kg | <0.050 | 32 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |
| ESW- 1 6' | 6/13/24 0:00 | mg/kg | <0.050 | 16 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |
| WSW- 1 6' | 6/13/24 0:00 | mg/kg | <0.050 | 16 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |
| WSW- 2 1' | 6/13/24 0:00 | mg/kg | <0.050 | 32 | <10.0 | <0.050 | <10.0 | <10.0 | <0.050 | <0.300 | <0.150 |

These laboratory analytical results showed that the confirmation soil samples were below the NMOCD Closure Criteria. The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. After receiving laboratory analytical results below the closure criteria, the excavated areas were left open because this facility's reclamation followed the remediation.

CLOSURE REQUEST

After careful review, Paragon requests that the incident, nAPP2412231923, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

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

Respectfully,



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

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

Appendices:

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






Figures:

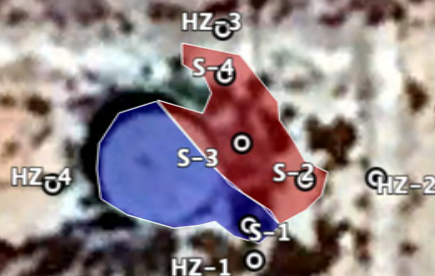
- 1- Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Wetlands/Water Map
- 5- Confirmation Map

Spur Energy Partners

Gissler Fed #1
API# 30-015-22456
Eddy County, NM
Site Map

Legend

-  1' Exc. 250 S/F- 10C/Y
-  6' Exc. 260 S/F- 60 C/Y
-  Samples



Gissler Fed #1 32.8584892, -103.9920297

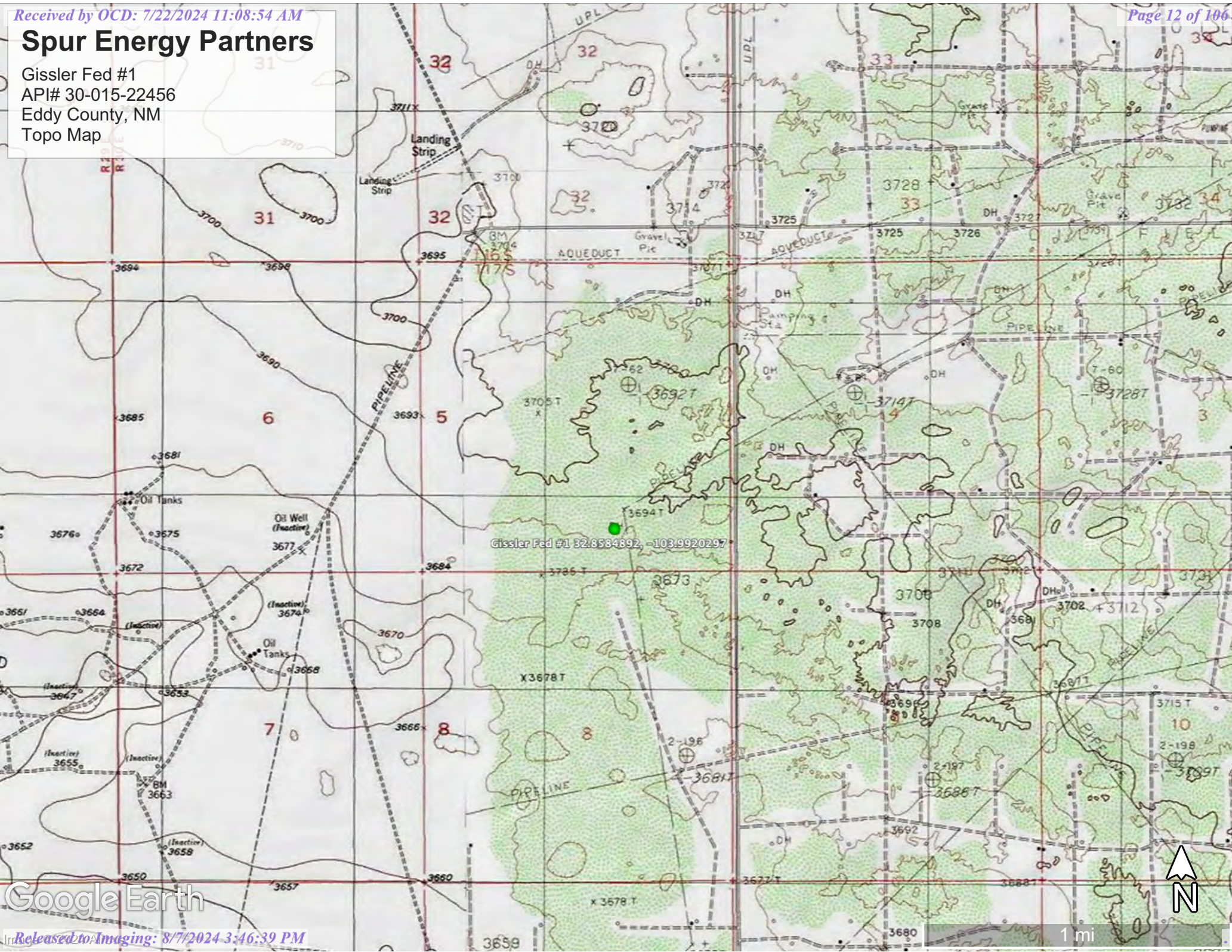
Google Earth



100 ft

Spur Energy Partners

Gissler Fed #1
API# 30-015-22456
Eddy County, NM
Topo Map



Spur Energy Partners

Gissler Fed #1
API# 30-015-22456
Eddy County, NM
Karst Map

Legend

- High
- Low
- Medium

Gissler Fed #1 32.8584892, -103.9920297

Google Earth

U.S. Hwy 82

Loco Hills

220





2 mi

Spur Energy Partners

Gissler Fed #1
API# 30-015-22456
Eddy County, NM
Wetland/Water Map

Legend

-  1.76 Miles
-  Gissler Fed #1 32.8584892, -103.9920297

Gissler Fed #1 32.8584892, -103.9920297

Google Earth




2 mi



Spur Energy Partners

Gissler Fed #1
API# 30-015-22456
Eddy County, NM
Confirmation Map

Legend

-  1' Exc. 250 S/F- 10C/Y
-  6' Exc. 260 S/F- 60 C/Y
-  Samples



Gissler Fed #1 32.8584892, -103.9920297

Google Earth



70 ft



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 6 | Q 4 | Q 16 | Sec | Tws | Rng | X | Y | Distance | DepthWell | DepthWater | Water Column |
|-------------------------------|------|---------------|--------|-----|-----|------|-----|-----|-----|--------|---------|----------|-----------|------------|--------------|
| RA 13284 POD1 | | RA | ED | 2 | 1 | 4 | 08 | 17S | 30E | 594450 | 3634729 | 1327 | | | |
| RA 13233 POD1 | | RA | ED | 3 | 3 | 1 | 06 | 17S | 30E | 591790 | 3636711 | 2607 | 104 | | |
| RA 13319 POD1 | | RA | ED | 3 | 3 | 3 | 02 | 17S | 30E | 598254 | 3635919 | 3944 | | | |
| RA 11914 POD1 | | RA | ED | 2 | 4 | 2 | 20 | 17S | 30E | 594801 | 3632002 | 4077 | 85 | 80 | 5 |
| RA 13212 POD1 | | RA | CH | 1 | 3 | 4 | 11 | 17S | 30E | 598984 | 3634474 | 4930 | | | |

Average Depth to Water: **80 feet**

Minimum Depth: **80 feet**

Maximum Depth: **80 feet**

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 594312.167

Northing (Y): 3636050.258

Radius: 5000

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.

7/22/24 6:57 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



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 19, Sep 7, 2023

National Flood Hazard Layer FIRMette



103°59'50"W 32°51'46"N



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

1:6,000
























103°59'13"W 32°51'15"N

Released to Imaging: 8/7/2024 3:46:39 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

| | | |
|-----------------------------|---|---|
| SPECIAL FLOOD HAZARD AREAS |  | Without Base Flood Elevation (BFE) Zone A, V, A99 |
| |  | With BFE or Depth Zone AE, AO, AH, VE, AR |
| |  | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD |  | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| |  | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| |  | Area with Reduced Flood Risk due to Levee. See Notes. Zone X |
| |  | Area with Flood Risk due to Levee Zone D |
| OTHER AREAS |  | NO SCREEN Area of Minimal Flood Hazard Zone X |
| |  | Effective LOMRs |
| |  | Area of Undetermined Flood Hazard Zone D |
| GENERAL STRUCTURES |  | Channel, Culvert, or Storm Sewer |
| |  | Levee, Dike, or Floodwall |
| OTHER FEATURES |  | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| |  | 17.5 |
| |  | Coastal Transect |
| |  | Base Flood Elevation Line (BFE) |
| |  | Limit of Study |
| |  | Jurisdiction Boundary |
| |  | Coastal Transect Baseline |
| |  | Profile Baseline |
| MAP PANELS |  | Digital Data Available |
| |  | No Digital Data Available |
| |  | Unmapped |



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/22/2024 at 9:06 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 unmodernized areas cannot be used for regulatory purposes.



Appendix C:
NMOCD Notification
Photographic Documentation



OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

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

Submission Information

| | | | |
|-----------------|---|------------|---------|
| Submission ID: | 339501 | Districts: | Artesia |
| Operator: | [328947] Spur Energy Partners LLC | Counties: | Eddy |
| Description: | Spur Energy Partners LLC [328947] , GISSLER FEDERAL #1 , nAPP2412231923 | | |
| Status: | APPROVED | | |
| Status Date: | 05/03/2024 | | |
| References (2): | 30-015-22456, nAPP2412231923 | | |

Forms

This application type does not have attachments.

Questions

Prerequisites

| | |
|------------------|--|
| Incident ID (n#) | nAPP2412231923 |
| Incident Name | NAPP2412231923 GISSLER FEDERAL #1 @ 30-015-22456 |
| Incident Type | Fire |
| Incident Status | Initial C-141 Approved |
| Incident Well | [30-015-22456] GISSLER FEDERAL #001 |

Location of Release Source

| | |
|-------------------------|--------------------|
| Site Name | GISSLER FEDERAL #1 |
| Date Release Discovered | 08/17/2023 |
| Surface Owner | Federal |

Sampling Event General Information

Please answer all the questions in this group.

| | |
|---|----------------------------|
| What is the sampling surface area in square feet | 308 |
| What is the estimated number of samples that will be gathered | 8 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 05/08/2024 |
| Time sampling will commence | 08:00 AM |
| Warning: Notification can not be less than two business days prior to conducting final sampling. | |
| Please provide any information necessary for observers to contact samplers | Jeremy Maner 5755-602-4231 |
| Please provide any information necessary for navigation to sampling site | 32.8584892,-103.9920297 |

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

| | |
|----------|---|
| Summary: | apena (5/3/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. |
|----------|---|

Reasons

No reasons found for this submission.

Go Back

OCD Permitting

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

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

Submission Information

| | | | |
|-----------------|---|------------|---------|
| Submission ID: | 352674 | Districts: | Artesia |
| Operator: | [328947] Spur Energy Partners LLC | Counties: | Eddy |
| Description: | Spur Energy Partners LLC [328947] , GISSLER FEDERAL #1 , nAPP2412231923 | | |
| Status: | APPROVED | | |
| Status Date: | 06/10/2024 | | |
| References (2): | 30-015-22456, nAPP2412231923 | | |

Forms

This application type does not have attachments.

Questions

Prerequisites

| | |
|------------------|--|
| Incident ID (n#) | nAPP2412231923 |
| Incident Name | NAPP2412231923 GISSLER FEDERAL #1 @ 30-015-22456 |
| Incident Type | Fire |
| Incident Status | Initial C-141 Approved |
| Incident Well | [30-015-22456] GISSLER FEDERAL #001 |

Location of Release Source

| | |
|-------------------------|--------------------|
| Site Name | GISSLER FEDERAL #1 |
| Date Release Discovered | 08/17/2023 |
| Surface Owner | Federal |

Sampling Event General Information

Please answer all the questions in this group.

| | |
|---|-------------------------|
| What is the sampling surface area in square feet | 600 |
| What is the estimated number of samples that will be gathered | 10 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 06/13/2024 |
| Time sampling will commence | 08:00 AM |
| Warning: Notification can not be less than two business days prior to conducting final sampling. | |
| Please provide any information necessary for observers to contact samplers | Angel Pena 5756050773 |
| Please provide any information necessary for navigation to sampling site | 32.8584892,-103.9920297 |

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

| | |
|----------|--|
| Summary: | apena (6/10/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. |
|----------|--|

Reasons

No reasons found for this submission.

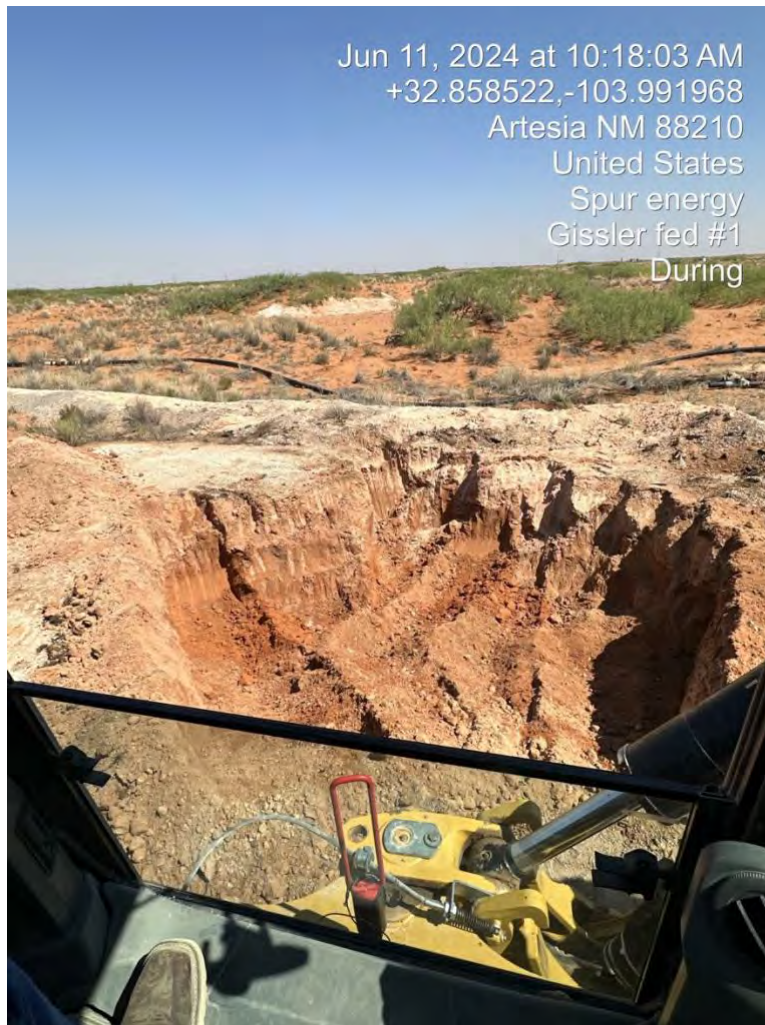
Go Back



**Photographic Documentation
Before**



During



Complete





Appendix D:
Laboratory Results



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

May 16, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: GISSLER FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 05/10/24 10:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 1 0.6 (H242561-01)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.75 | 87.5 | 2.00 | 8.15 | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.78 | 89.1 | 2.00 | 6.85 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.79 | 89.7 | 2.00 | 5.79 | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 5.60 | 93.3 | 6.00 | 5.91 | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 1 1' (H242561-02)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | QR-03 | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | QR-03 | |
| Total BTX | <0.300 | 0.300 | 05/14/2024 | 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 | 32.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 1 2' (H242561-03)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 1 3' (H242561-04)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 1 4' (H242561-05)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 2 0.6 (H242561-06)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 2 1' (H242561-07)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 2 2' (H242561-08)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 2 3' (H242561-09)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 2 4' (H242561-10)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 3 0.6 (H242561-11)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 3 1' (H242561-12)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 3 2' (H242561-13)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 3 3' (H242561-14)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 3 4' (H242561-15)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 4 0.6 (H242561-16)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 4 1' (H242561-17)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | 0.056 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.7 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 4 2' (H242561-18)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 4 3' (H242561-19)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 192 | 95.8 | 200 | 0.553 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 187 | 93.4 | 200 | 0.939 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: HZ - 4 4' (H242561-20)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | 0.051 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------|-------------|----------------------|--|---------------------|--|-------------|--|------------|--|------|--|-----|--|--------|--|---------|--|------------|--|------------|--|---------|--|------|--|------|--|------------------------------|--|--|--|--|--|--|--|--|--|
| Company Name: Paragon Environmental | | P.O. #: | | BILL TO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Chris Jones | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: 1601 N. Turner St., Ste 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs | | State: NM Zip: 88240 | | Company: Spur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-964-7814 | | Fax #: | | Attn: Brady Maulder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | Project Owner: Spur | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Gessler Federal #1 | | City: | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Eddy | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Name: Jeremy Mauer | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | 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 | | ANALYSIS REQUEST | | | | | | | | | |
| H242541 | H12-1 | 0.6 | | 9 | | | | | | | | | | | | | | | | | | | | 5/8 | | | | TPH Ext Btex Chlorides | | | | | | | | | |
| 83 | H2-1 | 1' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | H2-1 | 2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | H2-1 | 3' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 55 | H2-1 | 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | H2-2 | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | H2-2 | 1' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | H2-2 | 2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | H2-2 | 3' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | H2-2 | 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | | |
|------------------------------------|---------------|--|------------------------|
| Relinquished By: Jeremy Mauer | Date: 5/10/24 | Received By: AP Davis | Time: 1849 |
| Relinquished By: | Date: | Received By: | Time: |
| Delivered By: (Circle One) | -O.C.C. | Sample Condition | CHECKED BY: (initials) |
| Sampler - UPS - Bus - Other: # 140 | | Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| | | Seals Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |

REMARKS:

Phone Result: ☐ Yes ☐ No Add'l Phone #:

Fax Result: ☐ Yes ☐ No Add'l Fax #:

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



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

Page 24 of 24



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

May 16, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: GISSLER FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 05/10/24 10:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 1 0.6 (H242562-01)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.86 | 92.9 | 2.00 | 8.72 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.97 | 98.6 | 2.00 | 1.92 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 2.08 | 104 | 2.00 | 0.934 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.27 | 105 | 6.00 | 1.06 | | |
| Total BTX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | 267 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | 145 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 1 1' (H242562-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 1 2' (H242562-03)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 1 3' (H242562-04)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 448 | 112 | 400 | 3.64 | | |

| 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 1 4' (H242562-05)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | 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 | 48.0 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 2 0.6 (H242562-06)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 2 1' (H242562-07)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTX | <0.300 | 0.300 | 05/14/2024 | 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 | 80.0 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 2 2' (H242562-08)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 800 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | 980 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | 523 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 2 3' (H242562-09)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 560 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | 24.1 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 2 4' (H242562-10)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTX | <0.300 | 0.300 | 05/14/2024 | 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 | 1090 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 2 5' (H242562-11)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2800 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | 12.2 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 2 6' (H242562-12)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 336 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 3 0.6 (H242562-13)

| BTX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | |
| Total BTX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 752 | 16.0 | 05/14/2024 | ND | 464 | 116 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | 2160 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | 1120 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 3 1' (H242562-14)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2680 | 16.0 | 05/14/2024 | ND | 464 | 116 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | 622 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | 433 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 158 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 3 2' (H242562-15)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1120 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | 19.3 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 3 3' (H242562-16)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 3 4' (H242562-17)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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 | 1090 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 3 5' (H242562-18)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2240 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | 13.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 3 6' (H242562-19)

| BTEX 8021B | | mg/kg | | Analyzed By: MS | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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 | 320 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 193 | 96.4 | 200 | 0.869 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 196 | 97.9 | 200 | 0.0511 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 4 0.6 (H242562-20)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1280 | 16.0 | 05/14/2024 | ND | 464 | 116 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <50.0 | 50.0 | 05/14/2024 | ND | 181 | 90.7 | 200 | 0.402 | |
| DRO >C10-C28* | 4870 | 50.0 | 05/14/2024 | ND | 199 | 99.5 | 200 | 0.777 | QM-07 |
| EXT DRO >C28-C36 | 1970 | 50.0 | 05/14/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 180 % 49.1-148

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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 4 1' (H242562-21)

| BTEx 8021B | | mg/kg | | Analyzed By: MS | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.80 | 90.0 | 2.00 | 11.3 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.71 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.89 | 94.7 | 2.00 | 3.52 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 6.23 | 104 | 6.00 | 2.97 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3200 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 181 | 90.7 | 200 | 0.402 | |
| DRO >C10-C28* | 73.1 | 10.0 | 05/13/2024 | ND | 199 | 99.5 | 200 | 0.777 | |
| EXT DRO >C28-C36 | 87.1 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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

Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 4 2' (H242562-22)

| 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 | 05/14/2024 | ND | 1.81 | 90.4 | 2.00 | 7.09 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.6 | 2.00 | 4.86 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.20 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 5.87 | 97.9 | 6.00 | 4.18 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 352 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 181 | 90.7 | 200 | 0.402 | |
| DRO >C10-C28* | 27.7 | 10.0 | 05/13/2024 | ND | 199 | 99.5 | 200 | 0.777 | |
| EXT DRO >C28-C36 | 16.3 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 4 3' (H242562-23)

| 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 | 05/14/2024 | ND | 1.81 | 90.4 | 2.00 | 7.09 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.6 | 2.00 | 4.86 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.20 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 5.87 | 97.9 | 6.00 | 4.18 | | |
| Total BTEx | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 464 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 181 | 90.7 | 200 | 0.402 | |
| DRO >C10-C28* | 17.0 | 10.0 | 05/13/2024 | ND | 199 | 99.5 | 200 | 0.777 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 4 4' (H242562-24)

| 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 | 05/14/2024 | ND | 1.81 | 90.4 | 2.00 | 7.09 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.6 | 2.00 | 4.86 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.20 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 5.87 | 97.9 | 6.00 | 4.18 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 2520 | 16.0 | 05/14/2024 | ND | 464 | 116 | 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 | 05/13/2024 | ND | 181 | 90.7 | 200 | 0.402 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 199 | 99.5 | 200 | 0.777 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 4 5' (H242562-25)

| 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 | 05/14/2024 | ND | 1.81 | 90.4 | 2.00 | 7.09 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.6 | 2.00 | 4.86 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.20 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 5.87 | 97.9 | 6.00 | 4.18 | | |
| Total BTEX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3040 | 16.0 | 05/14/2024 | ND | 432 | 108 | 400 | 0.00 | QM-07 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/13/2024 | ND | 181 | 90.7 | 200 | 0.402 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 199 | 99.5 | 200 | 0.777 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 05/10/2024
Reported: 05/16/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 05/08/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 4 6' (H242562-26)

| 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 | 05/14/2024 | ND | 1.81 | 90.4 | 2.00 | 7.09 | | |
| Toluene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.6 | 2.00 | 4.86 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/14/2024 | ND | 1.87 | 93.4 | 2.00 | 4.20 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/14/2024 | ND | 5.87 | 97.9 | 6.00 | 4.18 | | |
| Total BTX | <0.300 | 0.300 | 05/14/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 336 | 16.0 | 05/14/2024 | 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 | 05/13/2024 | ND | 181 | 90.7 | 200 | 0.402 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/13/2024 | ND | 199 | 99.5 | 200 | 0.777 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/13/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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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.
- 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", is written over a horizontal line.

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: Spur | | | | | | | | | | | | | | |
| City: Hobbs | | | | Attn: Brady Moulder | | | | | | | | | | | | | | |
| State: NM zip: 88240 | | | | Address: | | | | | | | | | | | | | | |
| Phone #: 575-964-7814 Fax #: | | | | City: | | | | | | | | | | | | | | |
| Project #: | | | | State: | | | | | | | | | | | | | | |
| Project Owner: Spur | | | | Zip: | | | | | | | | | | | | | | |
| Project Location: Eddy | | | | Phone #: | | | | | | | | | | | | | | |
| Sampler Name: Jeremy Maer | | | | Fax #: | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | PRESERV | SAMPLING | | | | | | | | | | |
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | | | | |
| H243562 | S-1 O.6 | G | | | | | | | | | | | 5/08 | | TPH Ext Btex Chlorides | | | |
| 1 | S-1 1' | | | | | | | | | | | | | | | | | |
| 2 | S-1 2' | | | | | | | | | | | | | | | | | |
| 3 | S-1 3' | | | | | | | | | | | | | | | | | |
| 4 | S-1 4' | | | | | | | | | | | | | | | | | |
| 5 | S-2 O.6 | | | | | | | | | | | | | | | | | |
| 6 | S-2 1' | | | | | | | | | | | | | | | | | |
| 7 | S-2 2' | | | | | | | | | | | | | | | | | |
| 8 | S-2 3' | | | | | | | | | | | | | | | | | |
| 9 | S-2 4' | | | | | | | | | | | | | | | | | |
| 10 | S-2 21' | | | | | | | | | | | | | | | | | |

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| | | | | | | | |
|---|--|--|--|---|--|--------------------------------|--|
| Relinquished By: Jeremy Maer | | Date: 5/10/24 | | Received By: [Signature] | | Date: 5/10/24 | |
| Relinquished By: | | Date: | | Received By: | | Date: | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: LRP | | Time: 08:14 | | Sample Condition: <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact | | CHECKED BY: [Signature] | |
| REMARKS: | | 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 #: | | | | | |



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------------------|--|-------------------|--|--------------|--|-------------|--|------------------------|--|------|--|-----|--|--------|--|---------|--|------------|--|------------|--|---------|--|------|--|------|--|------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: Paragon Environmental | | P.O. #: | | BILL TO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Chris Jones | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: 1601 N. Turner St., Ste 500 | | Company: | | Spur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs | | Attn: Brady Moulder | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-964-7814 | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Gissler Federal #1 | | State: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Eddy | | Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Jeremy Mauer | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | ANALYSIS REQUEST | | | | | | | | | | | |
| 11 | | 5-2 5' | | G | | 1 | | | | | | | | | | | | | | | | | | | | 5/8 | | | | TPI Ext Btex Chlorides | | | | | | | | | | | |
| 12 | | 5-2 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | 5-3 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | 5-3 1' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | 5-3 2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | 5-3 3' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | 5-3 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | 5-3 5' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | 5-3 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | 5-2 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Relinquished By: | | Date: 5/6/24 | | Received By: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jeremy Mauer | | Time: 1049 | | C. Mauer | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date: | | Time: | | Date: | | Time: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) 0-8c | | | | Sample Condition | | Cool | | Intact | | Checked By: (Initials) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: 4140 | | | | Yes | | Yes | | Yes | | No | | No | | No | | No | | No | | No | | No | | No | | No | | No | | | | | | | | | | | | | |
| † Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



CARDINAL
Laboratories

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

June 19, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: GISSLER FEDERAL #1

Enclosed are the results of analyses for samples received by the laboratory on 06/13/24 16:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-1 6' (H243448-01)

| 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 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | |
| Total BTX | <0.300 | 0.300 | 06/18/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 06/17/2024 | 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 | 06/17/2024 | ND | 215 | 107 | 200 | 3.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 225 | 113 | 200 | 5.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-2 6' (H243448-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | |
| Total BTEX | <0.300 | 0.300 | 06/18/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/17/2024 | 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 | 06/17/2024 | ND | 215 | 107 | 200 | 3.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 225 | 113 | 200 | 5.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-3 1' (H243448-03)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | |
| Total BTEx | <0.300 | 0.300 | 06/18/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/18/2024 | ND | 432 | 108 | 400 | 3.64 | |

| 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 | 06/17/2024 | ND | 215 | 107 | 200 | 3.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 225 | 113 | 200 | 5.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 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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Analytical Results For:

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

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-4 1' (H243448-04)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | |
| Total BTEx | <0.300 | 0.300 | 06/18/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 06/18/2024 | ND | 432 | 108 | 400 | 3.64 | |

| 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 | 06/17/2024 | ND | 215 | 107 | 200 | 3.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 225 | 113 | 200 | 5.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SSW- 1 6' (H243448-05)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | | |
| Total BTEX | <0.300 | 0.300 | 06/18/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 06/18/2024 | ND | 432 | 108 | 400 | 3.64 | | |

| 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 | 06/17/2024 | ND | 215 | 107 | 200 | 3.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 225 | 113 | 200 | 5.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NSW- 1 6' (H243448-06)

| 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 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | | |
| Total BTEX | <0.300 | 0.300 | 06/18/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 06/18/2024 | ND | 432 | 108 | 400 | 3.64 | | |

| 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 | 06/17/2024 | ND | 215 | 107 | 200 | 3.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 225 | 113 | 200 | 5.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: ESW- 1 6' (H243448-07)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | |
| Total BTEX | <0.300 | 0.300 | 06/18/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/18/2024 | ND | 432 | 108 | 400 | 3.64 | |

| 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 | 06/17/2024 | ND | 215 | 107 | 200 | 3.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 225 | 113 | 200 | 5.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WSW- 1 6' (H243448-08)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | |
| Total BTEX | <0.300 | 0.300 | 06/18/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 06/18/2024 | ND | 432 | 108 | 400 | 3.64 | |

| 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 | 06/17/2024 | ND | 215 | 107 | 200 | 3.05 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 225 | 113 | 200 | 5.35 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NSW- 2 1' (H243448-09)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | | |
| Total BTEx | <0.300 | 0.300 | 06/18/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 06/18/2024 | ND | 432 | 108 | 400 | 3.64 | | |

| 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 | 06/17/2024 | ND | 186 | 93.0 | 200 | 3.78 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 183 | 91.5 | 200 | 2.67 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WSW- 2 1' (H243448-10)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | | |
| Total BTEx | <0.300 | 0.300 | 06/18/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 06/18/2024 | ND | 432 | 108 | 400 | 3.64 | | |

| 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 | 06/17/2024 | ND | 186 | 93.0 | 200 | 3.78 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 183 | 91.5 | 200 | 2.67 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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
1601 N TURNER ST., STE 500
HOBBS NM, 88240
Fax To:

Received: 06/13/2024
Reported: 06/19/2024
Project Name: GISSLER FEDERAL #1
Project Number: NONE GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 06/13/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SSW - 2 1' (H243448-11)

| 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 | 06/18/2024 | ND | 1.93 | 96.3 | 2.00 | 0.209 | |
| Toluene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.91 | 95.3 | 2.00 | 0.432 | |
| Ethylbenzene* | <0.050 | 0.050 | 06/18/2024 | ND | 1.93 | 96.6 | 2.00 | 0.598 | |
| Total Xylenes* | <0.150 | 0.150 | 06/18/2024 | ND | 5.63 | 93.9 | 6.00 | 0.638 | |
| Total BTEX | <0.300 | 0.300 | 06/18/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 06/18/2024 | ND | 432 | 108 | 400 | 3.64 | | |

| 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 | 06/17/2024 | ND | 186 | 93.0 | 200 | 3.78 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/17/2024 | ND | 183 | 91.5 | 200 | 2.67 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/17/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

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 | | P.O. #: | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Chris Jones | | Company: SPS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: 1601 N. Turner St., Ste 500 | | Attn: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-964-7814 | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fax #: 575-964-7814 | | State: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: GISSER Feed #1 | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Rural Eds | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Angel D. Pecos | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | |
| H243448 | | 5-1 6' | | 4 | | | | | | | | | | | | | | | | | | | | | | 6/13 | | | | Chlorides | | | | | | | | | |
| 1 | | 5-2 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | T PH | | | | | | | | | |
| 2 | | 5-3 1' | | | | | | | | | | | | | | | | | | | | | | | | | | | | BTEX | | | | | | | | | |
| 3 | | 5-4 1' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | 5-5 1 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | 5-6 1 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | 5-7 1 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | 5-8 1 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | 5-9 1 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | 5-10 1 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | 5-11 1 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | 5-12 1 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | 5-13 1 6' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Relinquished By: [Signature] | | Date: 6-13-24 | | Received By: [Signature] | | Time: 1:00 PM | | Sample Condition | | Cool | | Intact | | Checked BY: [Signature] | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished By: [Signature] | | Date: 6-13-24 | | Received By: [Signature] | | Time: 1:00 PM | | Sample Condition | | Cool | | Intact | | Checked BY: [Signature] | | | | | | | | | | | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) | | 3.1e | | #140 | | Sample Condition | | Cool | | Intact | | Checked BY: [Signature] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: | | 3.1e | | #140 | | Sample Condition | | Cool | | Intact | | Checked BY: [Signature] | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| † 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

[illegible]

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 366024

QUESTIONS

| | | |
|---|----------------|---|
| Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024 | OGRID: | 328947 |
| | Action Number: | 366024 |
| | Action Type: | [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | | |

QUESTIONS

| | |
|------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2412231923 |
| Incident Name | NAPP2412231923 GISSLER FEDERAL #1 @ 30-015-22456 |
| Incident Type | Fire |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-015-22456] GISSLER FEDERAL #001 |

| | |
|--|--------------------|
| Location of Release Source | |
| Please answer all the questions in this group. | |
| Site Name | GISSLER FEDERAL #1 |
| Date Release Discovered | 08/17/2023 |
| Surface Owner | Federal |

| | |
|--|------|
| Incident Details | |
| Please answer all the questions in this group. | |
| Incident Type | Fire |
| Did this release result in a fire or is the result of a fire | Yes |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | No |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

| | |
|--|---|
| Nature and Volume of Release | |
| Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. | |
| Crude Oil Released (bbls) Details | Cause: Lightning Tank (Any) Crude Oil Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL. |
| Produced Water Released (bbls) Details | Cause: Lightning Tank (Any) Produced Water Released: 0 BBL Recovered: 0 BBL Lost: 0 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | LIGHTNING STRUCK THE TANK CAUSING A SMALL SPRAY OF OIL & PRODUCED WATER MIX ONTO THE PAD THAT SUBSEQUENTLY BURNT UP |

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QUESTIONS, Page 2

Action 366024

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024 | OGRID: | 328947 |
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| | | |

QUESTIONS

| | |
|--|---|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | More info needed to determine if this will be treated as a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire. |
| <i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i> | |

Initial Response

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

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

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 07/22/2024 |
|--|--|

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QUESTIONS, Page 3

Action 366024

QUESTIONS (continued)

| | |
|---|----------------|
| Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024 | OGRID: |
| | 328947 |
| | Action Number: |
| | 366024 |
| Action Type: | |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS**Site Characterization**

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

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

Remediation Plan

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

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

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

| | | |
|-------------------|------------------------------------|------|
| Chloride | (EPA 300.0 or SM4500 Cl B) | 3200 |
| TPH (GRO+DRO+MRO) | (EPA SW-846 Method 8015M) | 6840 |
| GRO+DRO | (EPA SW-846 Method 8015M) | 4870 |
| BTEX | (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene | (EPA SW-846 Method 8021B or 8260B) | 0 |

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

| | |
|---|------------|
| On what estimated date will the remediation commence | 03/18/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 06/13/2024 |
| On what date will (or was) the remediation complete(d) | 06/13/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 510 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 70 |
| What is the estimated surface area (in square feet) that will be remediated | 510 |
| What is the estimated volume (in cubic yards) that will be remediated | 70 |

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

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

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QUESTIONS, Page 4

Action 366024

QUESTIONS (continued)

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

QUESTIONS

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|--|--|
| Remediation Plan (continued) | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| <i>(Select all answers below that apply.)</i> | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | LEA LAND LANDFILL [fEEM0112342028] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i> | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 07/22/2024 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> | |

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QUESTIONS, Page 5

Action 366024

QUESTIONS (continued)

| | |
|---|---|
| Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024 | OGRID: 328947 |
| | Action Number: 366024 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

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QUESTIONS, Page 6

Action 366024

QUESTIONS (continued)

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

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 352674 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 06/13/2024 |
| What was the (estimated) number of samples that were to be gathered | 10 |
| What was the sampling surface area in square feet | 600 |

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

| | |
|--|-----|
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 510 |
| What was the total volume (cubic yards) remediated | 70 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 510 |
| What was the total volume (in cubic yards) reclaimed | 70 |
| Summarize any additional remediation activities not included by answers (above) | n/a |

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 07/22/2024 |
|--|--|

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QUESTIONS, Page 7

Action 366024

QUESTIONS (continued)

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

QUESTIONS

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

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CONDITIONS

Action 366024

CONDITIONS

| | |
|---|----------------|
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CONDITIONS

| Created By | Condition | Condition Date |
|---------------|--|----------------|
| scott.rodgers | A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. | 8/7/2024 |
| scott.rodgers | The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan. | 8/7/2024 |