

| | |
|----------------|----------------|
| Incident ID | NAPP2300332370 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

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

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

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

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 6/21/23

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD Only

Received by: Shelly Wells

Date: 6/22/2023

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

Closure Approved by: Robert Hamlet

Date: 11/22/2023

Printed Name: Robert Hamlet

Title: Environmental Specialist - Advanced



June 16, 2023

NMOCD District 2
Mike Bratcher
Artesia, NM 88210

Bureau of Land Management
Crisha Morgan
Carlsbad Field Office

**Re: Site Assessment, Remediation, and Closure Report
Fat Tire Federal Tank Battery
API No. N/A
GPS: Latitude 32.85360 Longitude -104.02030 UL
"A", Sec. 12, T17S, R29E
Eddy County, NM
NMOCD Ref. No. NAPP2300332370**

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment and write the closure report for the release site known as the Fat Tire Federal Tank Battery (Fat Tire). Contractor BB&I performed the remediation since they were the responsible party that caused the release. Details of the release are summarized below:

| Release Details | | | |
|--|--------------|--|----------|
| Type of Release: | Crude Oil | Volume of Release: | 8 bbls |
| | | Volume Recovered: | 3 bbls |
| Source of Release: | Tanker Truck | Date of Release: | 01/02/23 |
| Was Immediate Notice Given? | Yes | If, Yes, to Whom? | N/A |
| Was a Watercourse Reached? | No | If Yes, Volume Impacting Watercourse: | N/A |
| Surface Owner: | Federal | Mineral Owner: | State |
| The Driver of the tanker trailer fell asleep, and his truck ran over onto the pad. | | | |

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

REGULATORY FRAMEWORK

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

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

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

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

Depth to groundwater information is provided in Appendix A.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation- and is made up of 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). According to the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Kermit-Berino Fine Sandy Loam, with 0 to 3 percent slopes. The drainage courses in this area are well-drained. There is NOT a high potential for karst geology to be present around the Fat Tire (Figure #3).

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

INITIAL SITE ASSESSMENT & SOIL SAMPLING EVENT

On January 3, 2023, Paragon conducted an initial site assessment. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A data table summarizing the laboratory analytical results from the sampling event is provided below:

1-3-23 Laboratory Results

| NMDCO Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50') | | | | | | | | |
|---|-------------|-----------------------------------|-----------------------------------|------|------|------|----------------------------------|----------------------------------|
| Sample Date: 1-3-23 | | Closure Criteria ≤ 50 mg/kg | Closure Criteria ≤ 10 mg/kg | | | | Closure Criteria 100 mg/kg | Closure Criteria 600 mg/kg |
| Sample ID | Depth (BGS) | BTEX | Benzene | GRQ | DRQ | MRO | Total TPH | CHLORIDES |
| S-1 | 0-6" | 54.7 | 1.09 | 523 | 1270 | 161 | 1974 | 32 |
| | 1' | 1.49 | ND | 56 | 267 | 41 | 343 | 16 |
| | 2' | 0.772 | ND | 12.6 | 44.4 | ND | 57 | 16 |
| | 3' | ND | ND | ND | 21.7 | ND | 21.7 | 32 |
| | 4' | ND | ND | ND | ND | ND | ND | 16 |
| S-2 | 0-6" | 5.79 | ND | 38.8 | 222 | 31.1 | 291.9 | 32 |
| | 1' | ND | ND | ND | ND | ND | ND | 32 |
| | 2' | ND | ND | ND | ND | ND | ND | 16 |
| | 3' | ND | ND | ND | ND | ND | ND | 16 |
| | 4' | 1.13 | 0.27 | ND | 13.1 | ND | 13.1 | 32 |
| S-3 | 0-6" | 624 | 45.4 | 1320 | 2330 | 354 | 4004 | 16 |
| | 1' | 83.6 | 3.58 | 588 | 1190 | 167 | 1945 | 16 |
| | 2' | ND | 0.055 | ND | ND | ND | ND | 48 |
| | 3' | 1.15 | ND | 33.9 | 199 | 25.8 | 258.7 | 48 |
| | 4' | 51.1 | 2.13 | 514 | 1030 | 116 | 1660 | 64 |
| S-4 | 0-6" | 41.2 | 0.409 | 361 | 957 | 157 | 1475 | 16 |
| | 1' | 0.593 | ND | 19.5 | 105 | ND | 124.5 | 32 |
| | 2' | ND | ND | ND | ND | ND | ND | 16 |
| | 3' | ND | ND | ND | 16 | ND | 16 | 16 |
| | 4' | ND | ND | ND | 30.2 | ND | 30.2 | 32 |
| S-5 | 0-6" | 25.6 | ND | 234 | 720 | 75.6 | 1029.8 | 32 |
| | 1' | ND | ND | ND | 45.8 | ND | 45.8 | 16 |
| | 2' | ND | ND | ND | ND | ND | ND | 16 |
| | 3' | ND | ND | ND | 19.4 | ND | 19.4 | 48 |
| | 4' | ND | ND | ND | ND | ND | ND | 32 |
| S-6 | 0-6" | 1.07 | ND | 22 | 241 | 21.8 | 284.8 | 128 |
| | 1' | ND | ND | ND | ND | ND | ND | 16 |
| | 2' | ND | ND | ND | ND | ND | ND | 16 |
| | 3' | ND | ND | ND | ND | ND | ND | 32 |
| | 4' | ND | ND | ND | ND | ND | ND | 16 |

(ND) - Analyte Not Detected

All Laboratory analytical reports are provided in Appendix E. A Site Map is provided in Figure #1.

REMEDIATION ACTIVITIES

On May 15, 2023, BB&I mobilized personnel and heavy equipment for remedial activities. Based on the site characteristics and field observations made during the site assessment, the following remedial activities were undertaken to advance the Release Site toward an NMOCD-approved site closure:

- The areas of S-2, S-5, and S-6 were excavated to a depth of 1 foot BGS.
- The areas of S-1 and S-4 were excavated to a depth of 2 feet BGS.
- The area of S-3 was excavated to a depth of 5 feet BGS.
- Once the area was excavated to the specified depth, on 5-17-23, we emailed the NMOCD and conducted confirmation samples. We utilized composite sampling, where each sample was representative of no more than 200 sq/ft. The results of this event are in the following data table:

5-22-23 Confirmation Samples

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50') | | | | | | | | |
|---|-------------|--------------------------------|--------------------------------|-----|------|------|-------------------------------|-------------------------------|
| Sample Date 5-22-23 | | Closure Criteria ≤ 50 mg/kg | Closure Criteria ≤ 10 mg/kg | | | | Closure Criteria 100 mg/kg | Closure Criteria 600 mg/kg |
| Sample ID | Depth (BGS) | BTEX | Benzene | GRO | DRO | MRO | Total TPH | CHLORIDES |
| S-1 NSW | 2' | ND | ND | ND | ND | ND | ND | 16 |
| S-1 ESW | 2' | ND | ND | ND | ND | ND | ND | ND |
| S-1 WSW | 2' | ND | ND | ND | ND | ND | ND | 32 |
| S-2 COMP | 1' | ND | ND | ND | ND | ND | ND | 16 |
| S-2 SSW | 1' | ND | ND | ND | ND | ND | ND | 48 |
| S-3 COMP | 5' | ND | ND | ND | ND | ND | ND | 16 |
| S-3 NSW | 5' | ND | ND | ND | ND | ND | ND | 32 |
| S-3 ESW | 5' | ND | ND | ND | ND | ND | ND | 32 |
| S-3 SSW | 5' | ND | ND | ND | ND | ND | ND | 32 |
| S-3 WSW | 5' | ND | ND | ND | ND | ND | ND | 48 |
| S-4 COMP | 2' | ND | ND | ND | ND | ND | ND | 32 |
| S-4 NSW | 2' | ND | ND | ND | ND | ND | ND | 16 |
| S-4 ESW | 2' | ND | ND | ND | ND | ND | ND | 32 |
| S-4 WSW | 2' | ND | ND | ND | ND | ND | ND | ND |
| S-5 COMP | 1' | ND | ND | ND | 84.7 | ND | 84.7 | ND |
| S-5 NSW | 1' | ND | ND | ND | 183 | 16.2 | 199.2 | 16 |
| S-6 COMP | 1' | ND | ND | ND | ND | ND | ND | 48 |
| S-6 SSW | 1' | ND | ND | ND | ND | ND | ND | 64 |

(ND) - Analyte Not Detected

Based on the sample results, we advised BB&I to advance the sidewall in the area of S-5 NSW an additional 1 foot horizontally. Once completed, we sampled this area again. The results are in the following data table.

5-31-23 Laboratory Results

| NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50') | | | | | | | | |
|---|-------------|--------------------------------|--------------------------------|-----|-----|-----|-------------------------------|-------------------------------|
| Sample Date 5-31-23 | | Closure Criteria ≤ 50 mg/kg | Closure Criteria ≤ 10 mg/kg | | | | Closure Criteria 100 mg/kg | Closure Criteria 600 mg/kg |
| Sample ID | Depth (BGS) | BTEX | Benzene | GRO | DRO | MRO | Total TPH | CHLORIDES |
| S-5 NSW | 1 | — | — | ND | ND | ND | ND | — |

ND- Analyte Not Detected/-- Analyte Not Tested

- Laboratory analytical results indicated that the excavation site concentrations were below NMOCD Closure Criteria.
- All excavated soils were temporarily stockpiled on-site atop a poly liner during the project. It was transported to Lea Land, an NMOCD-approved waste disposal facility where backfill material was also obtained. The affected area was then contoured and machine-compacted to match the surrounding grade.

CLOSURE REQUEST

After careful review, Paragon requests that the incident, NAPP2300332370, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

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

Respectfully,

Tristan Jones
Project Coordinator
Paragon Environmental, LLC



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

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

Appendices:

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





Figures:

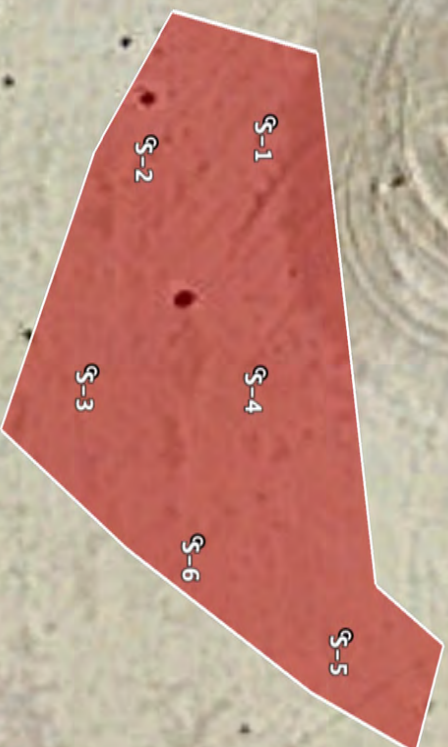
- 1-Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Aerial Map
- 5- Confirmation Map

Spur Energy Partners

Fat Tire 12
Eddy County, NM
Site Map

Legend

-  Excavation Area
-  Samples



FAT TIRE #12 32.8536,-104.0203








Spur Energy Partners
Fat Tire 12
Eddy County, NM
Topo Map

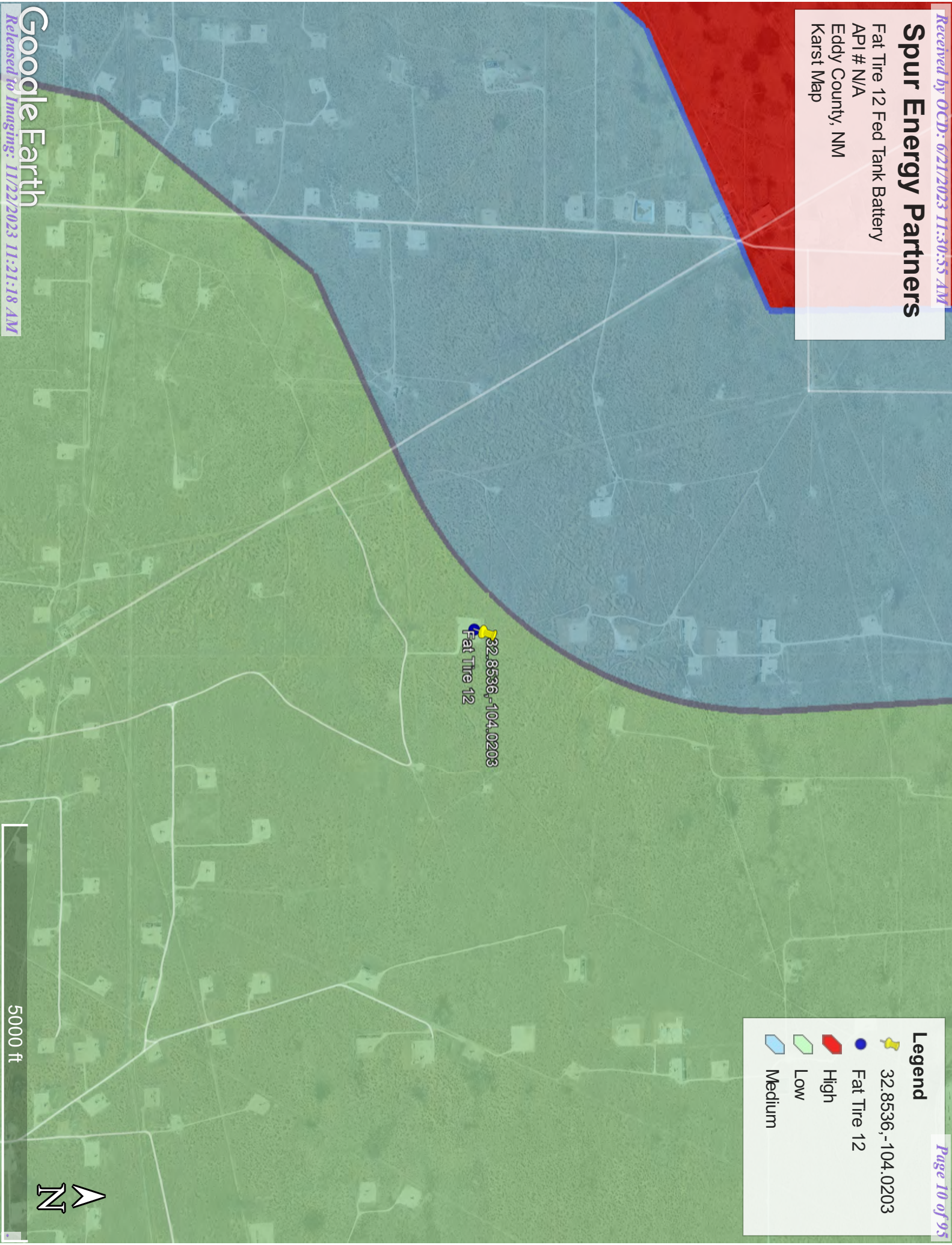


Spur Energy Partners

Fat Tire 12 Fed Tank Battery
API # N/A
Eddy County, NM
Karst Map

Legend



-  32.8536,-104.0203
-  Fat Tire 12
-  High
-  Low
-  Medium




Spur Energy Partners

Fat Tire 12 Fed Tank Battery
API # N/A
Eddy County, NM
Aerial Map

Legend

-  32.8536,-104.0203
-  Fat Tire 12

 32.8536,-104.0203
Fat Tire 12

Google Earth

Released to Imaging: 11/22/2023 11:21:18 AM

5 mi



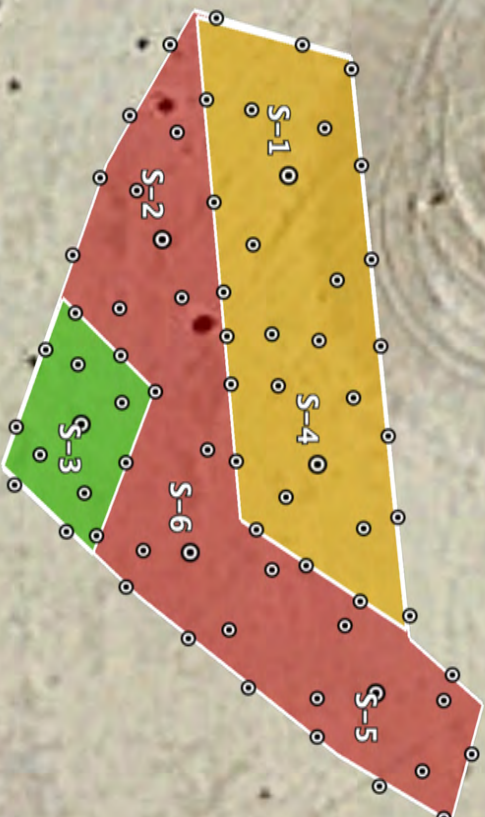
Spur Energy Partners

Fat Tire 12
Eddy County, NM
Confirmation Map

Legend

- 1-Foot Excavation
- 2-Foot Excavation
- 5-Feet Excavation
- Sample Areas

FAT TIRE #12 32.8536,-104.0203





Appendix A
Referenced Water Data:

New Mexico State of Engineers Office



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

| POD Number | Code | POD Sub-basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Distance | DepthWell | DepthWater | Water Column |
|-------------------------------|------|---------------|--------|------|------|-----|-----|-----|-----|--------|---------|----------|-----------|-------------------------|--------------|
| RA 13233 POD1 | | RA | ED | 3 | 3 | 1 | 06 | 17S | 30E | 591790 | 3636711 | 1235 | 104 | | |
| | | | | | | | | | | | | | | Average Depth to Water: | -- |
| | | | | | | | | | | | | | | Minimum Depth: | -- |
| | | | | | | | | | | | | | | Maximum Depth: | -- |

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 591672.689

Northing (Y): 3635481.701


Radius: 1600

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.



New Mexico Office of the State Engineer

Point of Diversion Summary

| | | | | | | | | | | | |
|-------------------|---------------|------------------------------------|-----|----------------------|-----|------------------------------------|-----|-----------------------|---------|---|--|
| | | (quarters are 1=NW 2=NE 3=SW 4=SE) | | | | (quarters are smallest to largest) | | (NAD83 UTM in meters) | | | |
| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tws | Rng | X | Y | | |
| NA | RA 13233 POD1 | 3 | 3 | 1 | 06 | 17S | 30E | 591790 | 3636711 |  | |
| <hr/> | | | | | | | | | | | |
| Driller License: | | 1249 | | Driller Company: | | ATKINS ENGINEERING ASSOC. INC. | | | | | |
| Driller Name: | | JACKIE D ATKINS | | | | | | | | | |
| <hr/> | | | | | | | | | | | |
| Drill Start Date: | | 10/05/2022 | | Drill Finish Date: | | 10/05/2022 | | Plug Date: | | | |
| Log File Date: | | 11/15/2022 | | PCW Rev Date: | | | | Source: | | | |
| Pump Type: | | | | Pipe Discharge Size: | | | | Estimated Yield: | | | |
| Casing Size: | | | | Depth Well: | | 104 feet | | Depth Water: | | | |
| <hr/> | | | | | | | | | | | |

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



Appendix B
Soil Survey:

U.S.D.A.

FEMA Flood Map

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

Eddy Area, New Mexico

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

Map Unit Setting

National map unit symbol: 1w4q

Elevation: 3,100 to 4,200 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent

Berino and similar soils: 35 percent

Minor components: 15 percent

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

Description of Kermit

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand

H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

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

Description of Berino

Setting

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

Typical profile

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

Properties and qualities

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

Interpretive groups

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

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022


National Flood Hazard Layer FIRMette





104°13'2"W 32°51'28"N















Legend




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

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

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

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

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

| | |
|-------------------|--|
| MAP PANELS |  Digital Data Available |
| |  No Digital Data Available |
| |  Unmapped |

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/9/2023 at 11:05 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 undrained areas cannot be used for regulatory purposes.





Appendix C:

C-141

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

| | |
|----------------|----------------|
| Incident ID | nAPP2300332370 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | | | |
|-------------------------|--------------------------------------|------------------------------|----------------|
| Responsible Party | Spur Energy Partners LLC | OGRID | 328947 |
| Contact Name | Katherine Purvis | Contact Telephone | (575) 441-8619 |
| Contact email | katherine.purvis@spurenergy.com | Incident # (assigned by OCD) | nAPP2300332370 |
| Contact mailing address | 9655 Katy Freeway; Houston, TX 77024 | | |

Location of Release Source

Latitude 32.85360 Longitude -104.02030
(NAD 83 in decimal degrees to 5 decimal places)

| | | | |
|-------------------------|-------------------------------|----------------------|---------|
| Site Name | FAT TIRE FEDERAL TANK BATTERY | Site Type | BATTERY |
| Date Release Discovered | 01/02/2023 | API# (if applicable) | N/A |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| A | 12 | 17S | 29E | EDDY |

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

Nature and Volume of Release

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

| | | |
|---|--|--|
| <input checked="" type="checkbox"/> Crude Oil | Volume Released (bbls) 8 BBLS | Volume Recovered (bbls) 3 BBLS |
| <input type="checkbox"/> Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

THE DRIVER OF THE TANKER TRAILER FELL ASLEEP SO IT RAN OVER SPILLING OIL ONTO THE PAD.

State of New Mexico
Oil Conservation Division

Form C-141

| | |
|----------------|----------------|
| Incident ID | NAPP2300332370 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

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

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

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

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

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan

| | |
|----------------|----------------|
| Incident ID | NAPP2300332370 |
| District RP | |
| Facility ID | |
| Application ID | |

and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 6/21/23

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD Only

Received by: Shelly Wells

Date: 6/22/2023

| | |
|----------------|----------------|
| Incident ID | NAPP2300332370 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

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

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

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

Printed Name: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 6/21/23

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD Only

Received by: Shelly Wells

Date: 6/22/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



Appendix D:

Email Notification

Photographic Documentation

Monday, June 19, 2023 at 11:22:28 Mountain Daylight Time

Subject: nAPP2300332370
Date: Wednesday, May 17, 2023 at 12:59:32 PM Mountain Daylight Time
From: Chris Jones
To: Bratcher, Michael, EMNRD, Hamlet, Robert, EMNRD, Nobui, Jennifer, EMNRD
CC: Katherine Purvis, Braidy Moulder, Tristan Jones, Jeremy Maner, Cecilia Medina
Attachments: image001.jpg

Mike,

This is to inform you we will be obtaining confirmation soil samples at the Fat Tire Fed Tank Battery Monday, 5-22-23, at approximately 9 am. If you have any questions or concerns please let me know.

Thank You,

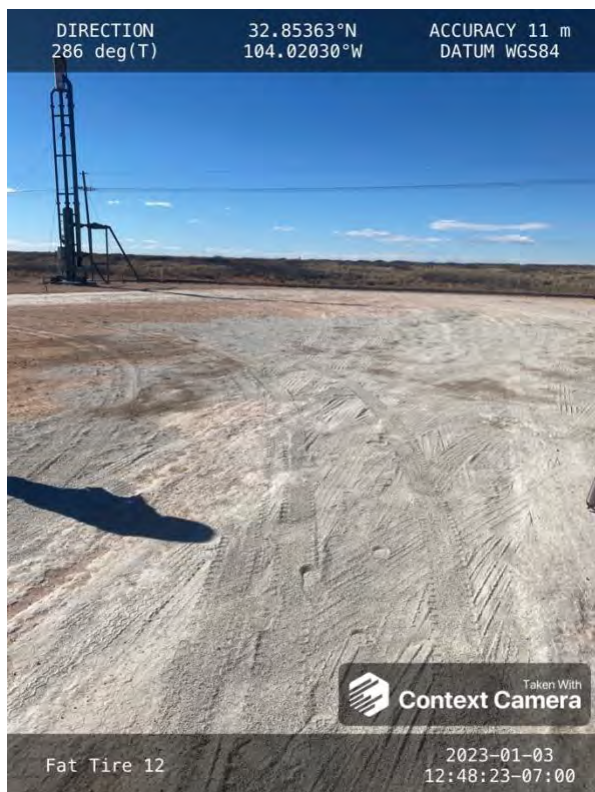
Chris Jones
Environmental Professional
1601 N. Turner Ste. 500
Hobbs, NM 88240
chris@paragonenvironmental.net
575-631-6977 cell



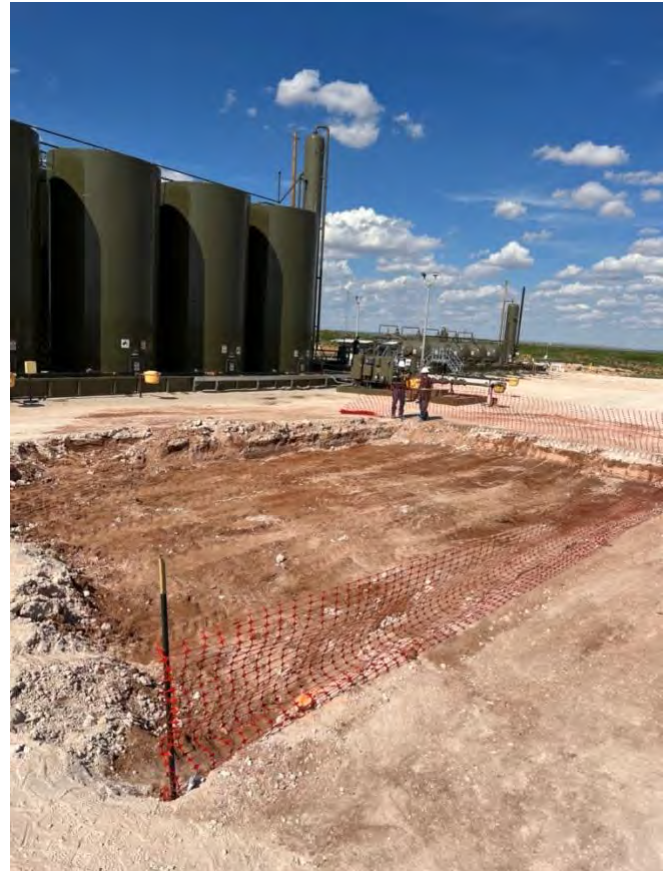
“We do not inherit the Earth
from our ancestors; we borrow
it from our children.”
Chief Seattle



Photographic Documentation Before

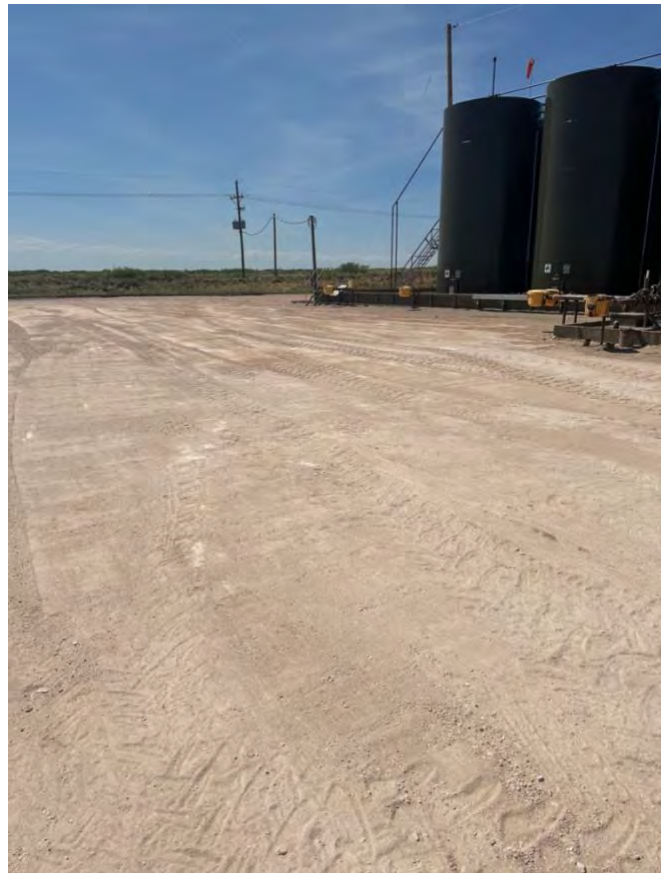


During





COMPLETED





Appendix E:
Laboratory Results



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

January 10, 2023

CASON SPURLOCK

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: FAT TIRE 12

Enclosed are the results of analyses for samples received by the laboratory on 01/03/23 16:56.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 0-6" (H230021-01)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|-----------------------|-------------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 1.09 | 1.00 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 15.4 | 1.00 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 14.5 | 1.00 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | 23.7 | 3.00 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTX | 54.7 | 6.00 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 134 % 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 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|----------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 523 | 50.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 1270 | 50.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | 181 | 50.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 1' (H230021-02)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 0.201 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 0.385 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | 0.904 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTX | 1.49 | 0.300 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 140 % 71.5-134

| Chloride, SM4500CI-B | | | mg/kg | | | | | Analyzed By: AC | |
|----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-----------------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | | mg/kg | | | | | Analyzed By: MS | |
|------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-----------------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 56.0 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 287 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | 41.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

*=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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 2' (H230021-03)

| 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 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | | |
| Toluene* | 0.132 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | | |
| Ethylbenzene* | 0.228 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | | |
| Total Xylenes* | 0.412 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | | |
| Total BTEX | 0.772 | 0.300 | 01/07/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 12.6 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 44.4 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 3' (H230021-04)

| 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 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | <0.150 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTEX | <0.300 | 0.300 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 21.7 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

*=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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 1 4' (H230021-05)

| 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 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | | |
| Toluene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | | |
| Total BTEx | <0.300 | 0.300 | 01/07/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 0-6" (H230021-06)

| BTX 8021B | | mg/kg | Analyzed By: JH | | | | | S-04 | |
|----------------|--------------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/09/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 0.455 | 0.050 | 01/09/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 1.66 | 0.050 | 01/09/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | 3.68 | 0.150 | 01/09/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTX | 5.79 | 0.300 | 01/09/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 177 % 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 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | | |
|------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 38.8 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 222 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | 31.1 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.2 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 1' (H230021-07)

| 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 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | | |
| Toluene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | | |
| Total BTEx | <0.300 | 0.300 | 01/07/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 2' (H230021-08)

| 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 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | | |
| Toluene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | | |
| Total BTEx | <0.300 | 0.300 | 01/07/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 3' (H230021-09)

| 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 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 0.062 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | <0.150 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTEx | <0.300 | 0.300 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 2 4' (H230021-10)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.270 | 0.050 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 0.510 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 0.148 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | 0.205 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTX | 1.13 | 0.300 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 13.1 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 3 0-6" (H230021-11)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 45.4 | 5.00 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 222 | 5.00 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 138 | 5.00 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | 218 | 15.0 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTEX | 624 | 30.0 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 132 % 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 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | |
| 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* | 1320 | 50.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 2330 | 50.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | 354 | 50.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 150 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 3 1' (H230021-12)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 3.58 | 0.500 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 26.8 | 0.500 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 20.2 | 0.500 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | 33.0 | 1.50 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTEX | 83.6 | 3.00 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 144 % 71.5-134

| Chloride, SM4500CI-B | | | mg/kg | | | | | Analyzed By: AC | |
|----------------------|-------------|-----------------|------------|--------------|-----|------------|---------------|-----------------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | | mg/kg | | | | | Analyzed By: MS | |
|----------------------------|-------------|-----------------|------------|--------------|-----|------------|---------------|-----------------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 588 | 50.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 1190 | 50.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | 167 | 50.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 3 2' (H230021-13)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.055 | 0.050 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 0.154 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 0.060 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | <0.150 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTX | <0.300 | 0.300 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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 | 01/05/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 3 3' (H230021-14)

| BTX 8021B | | mg/kg | Analyzed By: JH | | | | | S-04 | |
|----------------|--------------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 0.191 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 0.302 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | 0.656 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTX | 1.15 | 0.300 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 135 % 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 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | Analyzed By: MS | | | | | | |
|------------------|-------------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 33.9 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 199 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | 25.8 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 86.9 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 3 4' (H230021-15)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 2.13 | 0.500 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 16.0 | 0.500 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 12.6 | 0.500 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | 20.4 | 1.50 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTEX | 51.1 | 3.00 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 138 % 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 | 64.0 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | | mg/kg | | | | | Analyzed By: MS | |
|----------------------------|-------------|-----------------|------------|--------------|-----|------------|---------------|-----------------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 514 | 50.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 1030 | 50.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | 116 | 50.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 4 0-6" (H230021-16)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | S-04 | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | 0.409 | 0.200 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 9.83 | 0.200 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 11.4 | 0.200 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | 19.6 | 0.600 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTEX | 41.2 | 1.20 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 158 % 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 | 01/05/2023 | ND | 432 | 108 | 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* | 361 | 10.0 | 01/05/2023 | ND | 209 | 105 | 200 | 3.50 | |
| DRO >C10-C28* | 957 | 10.0 | 01/05/2023 | ND | 180 | 89.8 | 200 | 4.91 | |
| EXT DRO >C28-C36 | 157 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 162 % 48.2-134

Surrogate: 1-Chlorooctadecane 200 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 4 1' (H230021-17)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | |
| Toluene* | 0.140 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | |
| Ethylbenzene* | 0.142 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | |
| Total Xylenes* | 0.311 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | |
| Total BTX | 0.593 | 0.300 | 01/07/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 131 % 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 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 19.5 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | 105 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 4 2' (H230021-18)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/07/2023 | ND | 1.99 | 99.7 | 2.00 | 4.35 | | |
| Toluene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.17 | 109 | 2.00 | 4.02 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/07/2023 | ND | 2.14 | 107 | 2.00 | 4.22 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/07/2023 | ND | 6.62 | 110 | 6.00 | 4.65 | | |
| Total BTEx | <0.300 | 0.300 | 01/07/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 4 3' (H230021-19)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | |
| Toluene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | |
| Ethylbenzene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | |
| Total Xylenes* | <0.150 | 0.150 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | |
| Total BTX | <0.300 | 0.300 | 01/06/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | 16.0 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 4 4' (H230021-20)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | | |
| Toluene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | | |
| Total BTEx | <0.300 | 0.300 | 01/06/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | 30.2 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 6 4' (H230021-21)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | | |
| Toluene* | 0.073 | 0.050 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | | |
| Total BTEX | <0.300 | 0.300 | 01/06/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 5 0-6" (H230021-22)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.500 | 0.500 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | |
| Toluene* | 6.98 | 0.500 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | |
| Ethylbenzene* | 7.18 | 0.500 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | |
| Total Xylenes* | 11.4 | 1.50 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | |
| Total BTEX | 25.6 | 3.00 | 01/06/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 234 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | 720 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | 75.8 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.9 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 5 1' (H230021-23)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | | |
| Toluene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | | |
| Total BTX | <0.300 | 0.300 | 01/06/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | 45.8 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 5 2' (H230021-24)

| 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 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | | |
| Toluene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | | |
| Total BTEX | <0.300 | 0.300 | 01/06/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 5 3' (H230021-25)

| 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 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | | |
| Toluene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | | |
| Total BTEX | <0.300 | 0.300 | 01/06/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | 19.4 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 5 4' (H230021-26)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | | |
| Toluene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | | |
| Total BTEx | <0.300 | 0.300 | 01/06/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.3 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 6 0-6" (H230021-27)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 01/08/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | |
| Toluene* | 0.110 | 0.050 | 01/08/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | |
| Ethylbenzene* | 0.320 | 0.050 | 01/08/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | |
| Total Xylenes* | 0.638 | 0.150 | 01/08/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | |
| Total BTEX | 1.07 | 0.300 | 01/08/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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 | 128 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | 22.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | 241 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | 21.8 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 6 1' (H230021-28)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | | |
| Toluene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | | |
| Total BTEx | <0.300 | 0.300 | 01/06/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

Cardinal Laboratories

*=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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 6 2' (H230021-29)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | | |
| Toluene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | | |
| Total BTEX | <0.300 | 0.300 | 01/06/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 01/03/2023
 Reported: 01/10/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 01/03/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 6 3' (H230021-30)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 01/06/2023 | ND | 1.95 | 97.7 | 2.00 | 10.0 | | |
| Toluene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.04 | 102 | 2.00 | 7.06 | | |
| Ethylbenzene* | <0.050 | 0.050 | 01/06/2023 | ND | 2.02 | 101 | 2.00 | 6.27 | | |
| Total Xylenes* | <0.150 | 0.150 | 01/06/2023 | ND | 6.12 | 102 | 6.00 | 5.71 | | |
| Total BTX | <0.300 | 0.300 | 01/06/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 01/05/2023 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 01/05/2023 | ND | 201 | 100 | 200 | 3.63 | |
| DRO >C10-C28* | <10.0 | 10.0 | 01/05/2023 | ND | 195 | 97.6 | 200 | 0.248 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 01/05/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|-----------------|--|---------------------------|--|--------------|--|------------------|--|----------|--|----------|--|------------------|--|--|--|--|--|--|--|
| Company Name: Paragon Environmental | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | |
| Project Manager: Cason Spurlock | | | | P.O. #: | | | | | | | | | | | | | | | | | |
| Address: 5002 Carriage Rd | | | | Company: <i>SPUR</i> | | | | | | | | | | | | | | | | | |
| City: Hobbs | | | | State: NM Zip: 88242 | | | | | | | | | | | | | | | | | |
| Phone #: 575-631-6977 | | | | Attn: <i>Brady Welden</i> | | | | | | | | | | | | | | | | | |
| Fax #: | | | | Address: | | | | | | | | | | | | | | | | | |
| Project #: | | | | City: | | | | | | | | | | | | | | | | | |
| Project Name: <i>FRT TIRE 12</i> | | | | State: Zip: | | | | | | | | | | | | | | | | | |
| Project Location: <i>Edith County</i> | | | | Phone #: | | | | | | | | | | | | | | | | | |
| Sampler Name: <i>Veronica Welden</i> | | | | 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 | | | | | | | | | | | | | |
| <i>H230021</i> | | <i>S-1 0-6"</i> | | | | | | <i>01/03</i> | | | | | | <i>TPH Ext.</i> | | | | | | | |
| <i>1</i> | | <i>S-1 1'</i> | | | | | | | | | | | | <i>BTEX</i> | | | | | | | |
| <i>2</i> | | <i>S-1 2'</i> | | | | | | | | | | | | <i>Chlorides</i> | | | | | | | |
| <i>3</i> | | <i>S-1 3'</i> | | | | | | | | | | | | | | | | | | | |
| <i>4</i> | | <i>S-1 4'</i> | | | | | | | | | | | | | | | | | | | |
| <i>5</i> | | <i>S-1 0-6"</i> | | | | | | | | | | | | | | | | | | | |
| <i>6</i> | | <i>S-2 1'</i> | | | | | | | | | | | | | | | | | | | |
| <i>7</i> | | <i>S-2 2'</i> | | | | | | | | | | | | | | | | | | | |
| <i>8</i> | | <i>S-2 3'</i> | | | | | | | | | | | | | | | | | | | |
| <i>9</i> | | <i>S-2 4'</i> | | | | | | | | | | | | | | | | | | | |
| <i>10</i> | | <i>S-2 4'</i> | | | | | | | | | | | | | | | | | | | |

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| | | | | |
|--|---------------------|--|--|----------------|
| Relinquished By: <i>HR.WL</i> | Date: <i>01/03</i> | Received By: <i>Veronica Welden</i> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| Relinquished By: <i>HR.WL</i> | Date: <i>1/6/24</i> | Received By: <i>Veronica Welden</i> | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Fax #: |
| Delivered By: (Circle One) | Time: | Sample Condition | CHECKED BY: (Initials) | |
| Sampler - UPS - Bus - Other: <i>S-2 / 4-6"</i> | | <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact | <i>VO</i> | |
| | | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |

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

Email results to Chris Jones



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | |
|-------------------------------------|--|--|--|--------------------|--|------------|--|-------------------------|--|
| Company Name: Paragon Environmental | | | | P.O. #: | | BILL TO | | ANALYSIS REQUEST | |
| Project Manager: Cason Spurlock | | | | | | | | | |
| Address: 5002 Carriage Rd | | | | | | | | | |
| City: Hobbs | | | | State: NM | | zip: 88242 | | Company: Spv | |
| Phone #: 575-631-6977 | | | | Fax #: | | | | Attn: Bradley W. Linder | |
| Project #: | | | | Project Owner: Spv | | City: | | Address: | |
| Project Name: Fat Tire 12 | | | | State: | | Zip: | | | |
| Project Location: Kelly County | | | | Phone #: | | | | | |
| Sample Name: Kelly | | | | Fax #: | | | | | |
| FOR LAB USE ONLY | | | | MATRIX | | PRESERV. | | SAMPLING | |
| Lab I.D. Sample I.D. | | | | (G)RAB OR (C)OMP. | | | | | |
| | | | | # CONTAINERS | | | | | |
| | | | | GROUNDWATER | | | | | |
| | | | | WASTEWATER | | | | | |
| | | | | SOIL | | | | | |
| | | | | OIL | | | | | |
| | | | | SLUDGE | | | | | |
| | | | | OTHER : | | | | | |
| | | | | ACID/BASE: | | | | | |
| | | | | ICE / COOL | | | | | |
| | | | | OTHER : | | | | | |
| | | | | | | | | | |
| | | | | DATE | | TIME | | | |
| H230021 | | | | 01/03 | | | | | |
| 11 5.3 0.6" | | | | | | | | | |
| 12 9.3 1' | | | | | | | | | |
| 13 5.3 2' | | | | | | | | | |
| 14 5.3 3' | | | | | | | | | |
| 15 5.3 4' | | | | | | | | | |
| 16 5.4 0.6" | | | | | | | | | |
| 17 5.4 1' | | | | | | | | | |
| 18 5.4 2' | | | | | | | | | |
| 19 5.4 3' | | | | | | | | | |
| 20 5.4 4' | | | | | | | | | |

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| | | | | | | | |
|------------------------------|--|---|--|---|--|---|--|
| Relinquished By: [Signature] | | Date: 01/03 | | Received By: [Signature] | | Date: 01/03 | |
| Relinquished By: [Signature] | | | | Received By: [Signature] | | | |
| Delivered By: (Circle One) | | Sample Condition | | CHECKED BY: (Initials) | | | |
| Sampler - UPS | | Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | |
| Bus - Other: | | | | | | | |

REMARKS: Email results to Chris Jones



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--|----------------------|--|------------------|--|-------------|--|------------|--|------|--|-----|--|--------|--|-------|--|-----------|--|------------|--|-------|--|-------|--|------|--|-----------|--|--|--|--|--|--|--|--|--|
| Company Name: Paragon Environmental | | P.O. #: | | BILL TO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Cason Spurlock | | Company: Spur | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: 5002 Carriage Rd | | Attn: Brady Weller | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs | | Address: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-631-6977 | | City: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fax #: | | State: NM Zip: 88242 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | Project Owner: Spur | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Fat Tire 12 | | State: Zip: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Eddy County | | Phone #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Name: 2 Pews | | Fax #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | MATRIX | | PRESERV | | SAMPLING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | (G)RAB OR (C)OMP | | # CONTAINERS | | GROUNDWATER | | WASTEWATER | | SOIL | | OIL | | SLUDGE | | OTHER | | ACID/BASE | | ICE / COOL | | OTHER | | DATE | | TIME | | | | | | | | | | | |
| H230021 | | | | | | | | | | | | | | | | | | | | | | | | 01/05 | | | | TPH Ext | | | | | | | | | |
| 21 | | 4' | | | | | | | | | | | | | | | | | | | | | | | | | | 3Hex | | | | | | | | | |
| 22 | | 0.6" | | | | | | | | | | | | | | | | | | | | | | | | | | Chlorides | | | | | | | | | |
| 23 | | 1' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | 2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | 3' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | 4' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | 0.6" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | | 1' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | 2' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | 3' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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Relinquished By: *[Signature]* Date: 01/05 Received By: *[Signature]*
Time: 1654
Date: 1/6/05
Time:
Relinquished By: *[Signature]* Date:
Time:
Received By: *[Signature]*
Time:
Date:
Time:
Delivered By: (Circle One) *[Signature]* Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No ☐ Yes ☐ No
Sampler - UPS - Bus - Other: *[Signature]* CHECKED BY: *[Signature]* (Initials)
S.2c/4.1c
+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326
Email results to Chris Jones



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

May 25, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: FAT TIRE 12

Enclosed are the results of analyses for samples received by the laboratory on 05/22/23 14:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 COMP. (H232583-01)

| 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 | 05/23/2023 | ND | 2.43 | 121 | 2.00 | 7.10 | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.47 | 124 | 2.00 | 8.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.59 | 130 | 2.00 | 8.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 7.56 | 126 | 6.00 | 9.06 | |
| Total BTX | <0.300 | 0.300 | 05/23/2023 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 163 | 81.3 | 200 | 3.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 162 | 81.0 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 NSW (H232583-02)

| 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 | 05/23/2023 | ND | 2.43 | 121 | 2.00 | 7.10 | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.47 | 124 | 2.00 | 8.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.59 | 130 | 2.00 | 8.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 7.56 | 126 | 6.00 | 9.06 | |
| Total BTEX | <0.300 | 0.300 | 05/23/2023 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 16.0 | 16.0 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 163 | 81.3 | 200 | 3.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 162 | 81.0 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 ESW (H232583-03)

| 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 | 05/23/2023 | ND | 2.43 | 121 | 2.00 | 7.10 | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.47 | 124 | 2.00 | 8.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.59 | 130 | 2.00 | 8.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 7.56 | 126 | 6.00 | 9.06 | |
| Total BTEX | <0.300 | 0.300 | 05/23/2023 | 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 | <16.0 | 16.0 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 163 | 81.3 | 200 | 3.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 162 | 81.0 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 WSW (H232583-04)

| 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 | 05/23/2023 | ND | 2.43 | 121 | 2.00 | 7.10 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.47 | 124 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.59 | 130 | 2.00 | 8.77 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 7.56 | 126 | 6.00 | 9.06 | | |
| Total BTX | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 163 | 81.3 | 200 | 3.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 162 | 81.0 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 COMP. (H232583-05)

| 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 | 05/23/2023 | ND | 2.43 | 121 | 2.00 | 7.10 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.47 | 124 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.59 | 130 | 2.00 | 8.77 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 7.56 | 126 | 6.00 | 9.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 163 | 81.3 | 200 | 3.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 162 | 81.0 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 SSW (H232583-06)

| 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 | 05/23/2023 | ND | 2.43 | 121 | 2.00 | 7.10 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.47 | 124 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.59 | 130 | 2.00 | 8.77 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 7.56 | 126 | 6.00 | 9.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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 | 48.0 | 16.0 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 163 | 81.3 | 200 | 3.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 162 | 81.0 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 COMP. (H232583-07)

| 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 | 05/23/2023 | ND | 2.43 | 121 | 2.00 | 7.10 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.47 | 124 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.59 | 130 | 2.00 | 8.77 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 7.56 | 126 | 6.00 | 9.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 163 | 81.3 | 200 | 3.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 162 | 81.0 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 NSW (H232583-08)

| 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 | 05/23/2023 | ND | 2.43 | 121 | 2.00 | 7.10 | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.47 | 124 | 2.00 | 8.14 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.59 | 130 | 2.00 | 8.77 | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 7.56 | 126 | 6.00 | 9.06 | |
| Total BTEx | <0.300 | 0.300 | 05/23/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 163 | 81.3 | 200 | 3.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 162 | 81.0 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 ESW (H232583-09)

| 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 | 05/23/2023 | ND | 2.43 | 121 | 2.00 | 7.10 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.47 | 124 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.59 | 130 | 2.00 | 8.77 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 7.56 | 126 | 6.00 | 9.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 163 | 81.3 | 200 | 3.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 162 | 81.0 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 SSW (H232583-10)

| 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 | 05/23/2023 | ND | 2.43 | 121 | 2.00 | 7.10 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.47 | 124 | 2.00 | 8.14 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.59 | 130 | 2.00 | 8.77 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 7.56 | 126 | 6.00 | 9.06 | | |
| Total BTEx | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 163 | 81.3 | 200 | 3.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 162 | 81.0 | 200 | 2.80 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 WSW (H232583-11)

| 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 | 05/23/2023 | ND | 2.17 | 109 | 2.00 | 10.4 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.22 | 111 | 2.00 | 8.69 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.13 | 107 | 2.00 | 9.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 6.64 | 111 | 6.00 | 8.72 | | |
| Total BTEx | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 87.2 | 200 | 1.15 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 86.9 | 200 | 1.26 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 COMP. (H232583-12)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.17 | 109 | 2.00 | 10.4 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.22 | 111 | 2.00 | 8.69 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.13 | 107 | 2.00 | 9.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 6.64 | 111 | 6.00 | 8.72 | | |
| Total BTEx | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 87.2 | 200 | 1.15 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 86.9 | 200 | 1.26 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 NSW (H232583-13)

| 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 | 05/23/2023 | ND | 2.17 | 109 | 2.00 | 10.4 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.22 | 111 | 2.00 | 8.69 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.13 | 107 | 2.00 | 9.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 6.64 | 111 | 6.00 | 8.72 | | |
| Total BTX | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 87.2 | 200 | 1.15 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 86.9 | 200 | 1.26 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 ESW (H232583-14)

| BTEx 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.17 | 109 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.22 | 111 | 2.00 | 8.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.13 | 107 | 2.00 | 9.34 | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 6.64 | 111 | 6.00 | 8.72 | |
| Total BTEx | <0.300 | 0.300 | 05/23/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 87.2 | 200 | 1.15 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 86.9 | 200 | 1.26 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 115 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 WSW (H232583-15)

| 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 | 05/23/2023 | ND | 2.17 | 109 | 2.00 | 10.4 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.22 | 111 | 2.00 | 8.69 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.13 | 107 | 2.00 | 9.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 6.64 | 111 | 6.00 | 8.72 | | |
| Total BTX | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 87.2 | 200 | 1.15 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 86.9 | 200 | 1.26 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 5 COMP. (H232583-16)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.17 | 109 | 2.00 | 10.4 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.22 | 111 | 2.00 | 8.69 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.13 | 107 | 2.00 | 9.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 6.64 | 111 | 6.00 | 8.72 | | |
| Total BTX | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 05/23/2023 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|-------------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 87.2 | 200 | 1.15 | |
| DRO >C10-C28* | 84.7 | 10.0 | 05/23/2023 | ND | 174 | 86.9 | 200 | 1.26 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

Cardinal Laboratories

*=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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 5 NSW (H232583-17)

| BTX 8021B | | mg/kg | | Analyzed By: JH/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.17 | 109 | 2.00 | 10.4 | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.22 | 111 | 2.00 | 8.69 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.13 | 107 | 2.00 | 9.34 | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 6.64 | 111 | 6.00 | 8.72 | |
| Total BTX | <0.300 | 0.300 | 05/23/2023 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 05/23/2023 | 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 | 05/23/2023 | ND | 174 | 87.2 | 200 | 1.15 | |
| DRO >C10-C28* | 183 | 10.0 | 05/23/2023 | ND | 174 | 86.9 | 200 | 1.26 | |
| EXT DRO >C28-C36 | 16.2 | 10.0 | 05/23/2023 | 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 6 COMP. (H232583-18)

| 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 | 05/23/2023 | ND | 2.17 | 109 | 2.00 | 10.4 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.22 | 111 | 2.00 | 8.69 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.13 | 107 | 2.00 | 9.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 6.64 | 111 | 6.00 | 8.72 | | |
| Total BTEx | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 05/23/2023 | 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 | 05/23/2023 | ND | 174 | 87.2 | 200 | 1.15 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 86.9 | 200 | 1.26 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/22/2023
Reported: 05/25/2023
Project Name: FAT TIRE 12
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/22/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 6 SSW (H232583-19)

| 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 | 05/23/2023 | ND | 2.17 | 109 | 2.00 | 10.4 | | |
| Toluene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.22 | 111 | 2.00 | 8.69 | | |
| Ethylbenzene* | <0.050 | 0.050 | 05/23/2023 | ND | 2.13 | 107 | 2.00 | 9.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 05/23/2023 | ND | 6.64 | 111 | 6.00 | 8.72 | | |
| Total BTX | <0.300 | 0.300 | 05/23/2023 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 05/23/2023 | 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 | 05/23/2023 | ND | 174 | 87.2 | 200 | 1.15 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/23/2023 | ND | 174 | 86.9 | 200 | 1.26 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/23/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

[illegible]



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

June 02, 2023

CASON SPURLOCK

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: FAT TIRE 12

Enclosed are the results of analyses for samples received by the laboratory on 06/01/23 8:48.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 06/01/2023
 Reported: 06/02/2023
 Project Name: FAT TIRE 12
 Project Number: NOT GIVEN
 Project Location: SPUR - EDDY COUNTY

Sampling Date: 05/31/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: S - 5 - NSW (H232771-01)

| 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 | 06/01/2023 | ND | 161 | 80.6 | 200 | 1.79 | |
| DRO >C10-C28* | <10.0 | 10.0 | 06/01/2023 | ND | 166 | 83.1 | 200 | 1.79 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 06/01/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
Project Manager: Chris Jones
Address: 1601 N. Turner St., Ste 500
City: Hobbs
State: NM zip: 88240
Phone #: 575-964-7814
Fax #: 575-964-7814
Project #: 575-964-7814
Project Owner: SPURZ
Project Name: FATTIVE 12
Project Location: Edin Country
Sampler Name: Security Manager

P.O. #:
Company: SPURZ
Attn: Prudery Wolder
Address:
City:
State:
Zip:

FOR LAB USE ONLY
Lab I.D. Sample I.D.
H238771 355 - NSW
(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :
DATE
TIME
TPH Ext

MATRIX
PRESERV
SAMPLING

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Relinquished By: *HRM*
Received By: *Prudery Wolder*
Date: *05/18/01*
Time: *0848*
Relinquished By: *HRM*
Received By: *Prudery Wolder*
Date: *05/18/01*
Time: *0848*

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

REMARKS:

Sample Condition: *#113*
Cool/Intact: ☒ Yes ☐ No
Checked By: *AE*

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: *0.6c/0.0c*

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

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

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

CONDITIONS

Action 231121

CONDITIONS

| | |
|---|---|
| Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024 | OGRID: 328947 |
| | Action Number: 231121 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| rhamlet | We have received your closure report and final C-141 for Incident #NAPP2300332370 FAT TIRE 12 FEDERAL TANK BATTERY, thank you. This closure is approved. | 11/22/2023 |