

Incident ID	NAPP2224931263
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: 03/21/2023

email: [katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com)

Telephone: 575-441-8619

**OCD Only**

Received by: Jocelyn Harimon

Date: 03/21/2023

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: 8/3/2023

Printed Name: Robert Hamlet

Title: Environmental Specialist - Advanced



March 20th, 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  
 Foster Eddy Battery  
 API No. N/A  
 GPS: Latitude 32.83435 Longitude -103.89111  
 UL "J", Sec. 17, T17S, R31E  
 Eddy County, NM  
 NMOCD Ref. No. nAPP2224931263**

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment, conduct remediation activities, and reclaim the old containment area for the release site known as the Foster Eddy Tank Battery (Foster Eddy). Details of the release are summarized below:

Release Details			
<b>Type of Release:</b>	Produced Water	<b>Volume of Release:</b>	15 bbls
		<b>Volume Recovered:</b>	15 bbls
<b>Source of Release:</b>	Vent Line	<b>Date of Release:</b>	09/01/22
<b>Was Immediate Notice Given?</b>	No	<b>If, Yes, to Whom?</b>	N/A
<b>Was a Watercourse Reached?</b>	No	<b>If Yes, Volume Impacting Watercourse:</b>	N/A
<b>Surface Owner:</b>	State	<b>Mineral Owner:</b>	State
A 2" vent line coming from the vessels ruptured causing the release.			

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:

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

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

Depth to groundwater information is provided in Appendix A.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the 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). The soil in this area is made up of both Kermit-Berino fine sands and Largo Loam, with 0 to 5 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are both excessively-drained and well-drained. There is NOT a high potential for karst geology to be present around the Foster Eddy (Figure #3).

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

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

**INITIAL SITE ASSESSMENT**

On October 13, 2022, Paragon conducted an initial site assessment. During the initial site assessment, it was determined to gather samples in the area where the spill had run off of the liner and onto the pad and down the road. Ten (10) soil samples were collected in this area in an effort to determine the vertical extent of soil impact. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A table summarizing laboratory analytical results from soil samples collected during the above-stated activities is provided below:

10-13-22 Sample Results

NMOC Table 1 Closure Criteria 19.15.29 NMAC								
Sample Date	10-13-22	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S-1	0-6"	ND	ND	27.5	8780	1970	10777.5	176
	1'	ND	ND	ND	133	26.8	159.8	224
	2'	ND	ND	ND	11.3	ND	11.3	64
S-2	0-6"	ND	ND	ND	ND	ND	0	96
	1'	ND	ND	10.1	9520	2950	12470	128
	2'	ND	ND	ND	29.2	ND	29.2	64
S-3	0-6"	ND	ND	ND	1210	418	1628	96
	1'	ND	ND	ND	5190	1860	7050	96
	2'	ND	ND	ND	ND	ND	0	336
S-4	0-6"	ND	ND	ND	ND	ND	0	224
	1'	ND	ND	ND	59.4	13.8	73.2	144
	2'	ND	ND	ND	ND	ND	0	208
S-5	0-6"	ND	ND	ND	ND	ND	0	240
	1'	ND	ND	ND	26.8	ND	26.8	1380
	2'	ND	ND	ND	ND	ND	0	480
S-6	0-6"	ND	ND	ND	ND	ND	0	176
	1'	ND	ND	ND	1560	464	2024	128
	2'	ND	ND	ND	ND	ND	0	256
S-7	0-6"	ND	ND	ND	ND	ND	0	112
	1'	ND	ND	ND	844	221	1065	256
	2'	ND	ND	ND	ND	ND	0	256
S-8	0-6"	ND	ND	ND	106	51.3	157.3	80
	1'	ND	ND	ND	1990	624	2614	480
	2'	ND	ND	ND	ND	ND	0	64
S-9	0-6"	ND	ND	ND	ND	ND	0	48
	1'	ND	ND	ND	11.1	ND	11.1	64
	2'	ND	ND	ND	22.8	19.7	42.5	80
S-10	0-6"	ND	ND	ND	454	181	635	1120
	1'	ND	ND	ND	224	84.5	308.5	784
	2'	ND	ND	ND	ND	ND	0	64

(ND) - Analyte Not Detected

A Site Map & Sample Maps are provided in Figures #1 and #5.

## REMEDIATION ACTIVITIES

On January 16, 2023, Paragon mobilized personnel and heavy equipment to conduct remedial activities. Based on the site characteristics and field observations made during the site assessment, the following details the remedial activities we conducted to advance the Release Site toward an NMOCD-approved site closure.

Our remediation began on the northwest end of the road and was brought all the way down to where the spill ended. This area is represented by samples S-1 through S-8. This area was excavated to a depth of 2 feet BGS. Email notification was sent to the NMOCD, and confirmation bottom, and sidewall samples were obtained. The results of this sampling event are in the following data table.

We utilized 5-point bottom composite sampling and sidewall composite sampling, where each sample was representative of no more than 200 sq/ft. The results of this event are in the following data table:

1-23-23 Confirmation Samples (Road Area)

NMOCD Table 1 Closure Criteria 19.15.29 NMAC								
Sample Date 1-23-23		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 Comp	2'	--	--	ND	ND	ND	0	--
S-2 Comp	2'	--	--	ND	ND	ND	0	--
S-3 Comp	2'	--	--	ND	66.4	11.8	78.2	--
S-4 Comp	2'	--	--	ND	30.8	ND	30.8	--
S-5 Comp	2'	--	--	--	--	--	--	144
S-6 Comp	2'	--	--	ND	ND	ND	0	--
S-7 Comp	2'	--	--	ND	44.9	ND	44.9	--
S-8 Comp	2'	--	--	ND	ND	ND	0	--
WSW Comp	2'	ND	ND	ND	ND	ND	0	32
ESW Comp	2'	ND	ND	ND	ND	ND	0	16
SSW 1	2'	ND	ND	ND	ND	ND	0	ND
SSW 2	2'	ND	ND	10.8	ND	ND	0	48
SSW 3	2'	ND	ND	ND	ND	ND	0	48
SSW 4	2'	ND	ND	ND	ND	ND	0	32
SSW 5	2'	ND	ND	ND	ND	ND	0	48
SSW 6	2'	ND	ND	ND	ND	ND	0	48
SSW 7	2'	ND	ND	ND	ND	ND	0	ND
SSW 8	2'	ND	ND	ND	ND	ND	0	16
NSW 1	2'	ND	ND	ND	ND	ND	0	ND
NSW 2	2'	ND	ND	ND	ND	ND	0	48
NSW 3	2'	ND	ND	ND	ND	ND	0	16
NSW 4	2'	ND	ND	16	ND	ND	16	16
NSW 5	2'	ND	ND	ND	ND	ND	0	48
NSW 6	2'	ND	ND	ND	ND	ND	0	32
NSW 7	2'	ND	ND	ND	ND	ND	0	32
NSW 8	2'	ND	ND	ND	228	62	290	32

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

Upon receiving these sample results, additional material was removed from the area of NSW 8. Backfilling efforts began at S-1 and extended to the end of the excavation. It was later realized the additional NSW 8 sample was missed and was obtained towards the end of the project.

Remediation efforts then began on-pad in the vicinity of S-9 and S-10 and extended into the containment area, which was later labeled and identified as S-12 to S-14.

We then emailed the NMOCD, giving them a 48-hour notification that we would obtain confirmation samples. We utilized 5-point bottom composite sampling and sidewall composite sampling, where each sample was representative of no more than 200 sq/ft. The results of this event are in the following data table.

The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. The excavated areas were backfilled with “like” material obtained from Lea Land. The affected area was then contoured and machine-compacted to match the surrounding grade.

1-30-22 Confirmation Samples (On-Pad Area)

NMOCD Table 1 Closure Criteria 19.15.29 NMAC								
Sample Date 1-30-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S-9 Comp	2'	0.294	0.109	ND	ND	ND	0	208
S-10 Comp	2'	ND	ND	ND	ND	ND	0	160
S-11 Comp	2'	ND	ND	ND	ND	ND	0	320
S-12 Comp	2'	ND	ND	ND	ND	ND	0	112
S-13 Comp	2'	ND	ND	ND	ND	ND	0	272
S-14 Comp	2'	0.226	0.058	ND	ND	ND	0	288
SSW (On-Pad Area)	2'	ND	ND	ND	ND	ND	0	304
NSW (On-Pad Area)	2'	ND	ND	ND	ND	ND	0	304
ESW (On-Pad Area)	2	ND	ND	ND	ND	ND	0	160
WSW (On-Pad Area)	2'	ND	ND	ND	ND	ND	0	336

2-15-23 Confirmation Samples (Road Area)

NMOCD Table 1 Closure Criteria 19.15.29 NMAC								
Sample Date 2-15-23		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
NSW 8	2'	ND	ND	ND	ND	ND	0	32

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

### CLOSURE REQUEST

After careful review, Paragon requests that the incident, nAPP2224931263, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

If you have any questions or need additional information, please get in touch with Tristan Jones by phone at (575)318-6841 or email at [tristan@paragonenvironmental.net](mailto: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 – Photographic Documentation and Email Notification
- Appendix E – Laboratory Reports

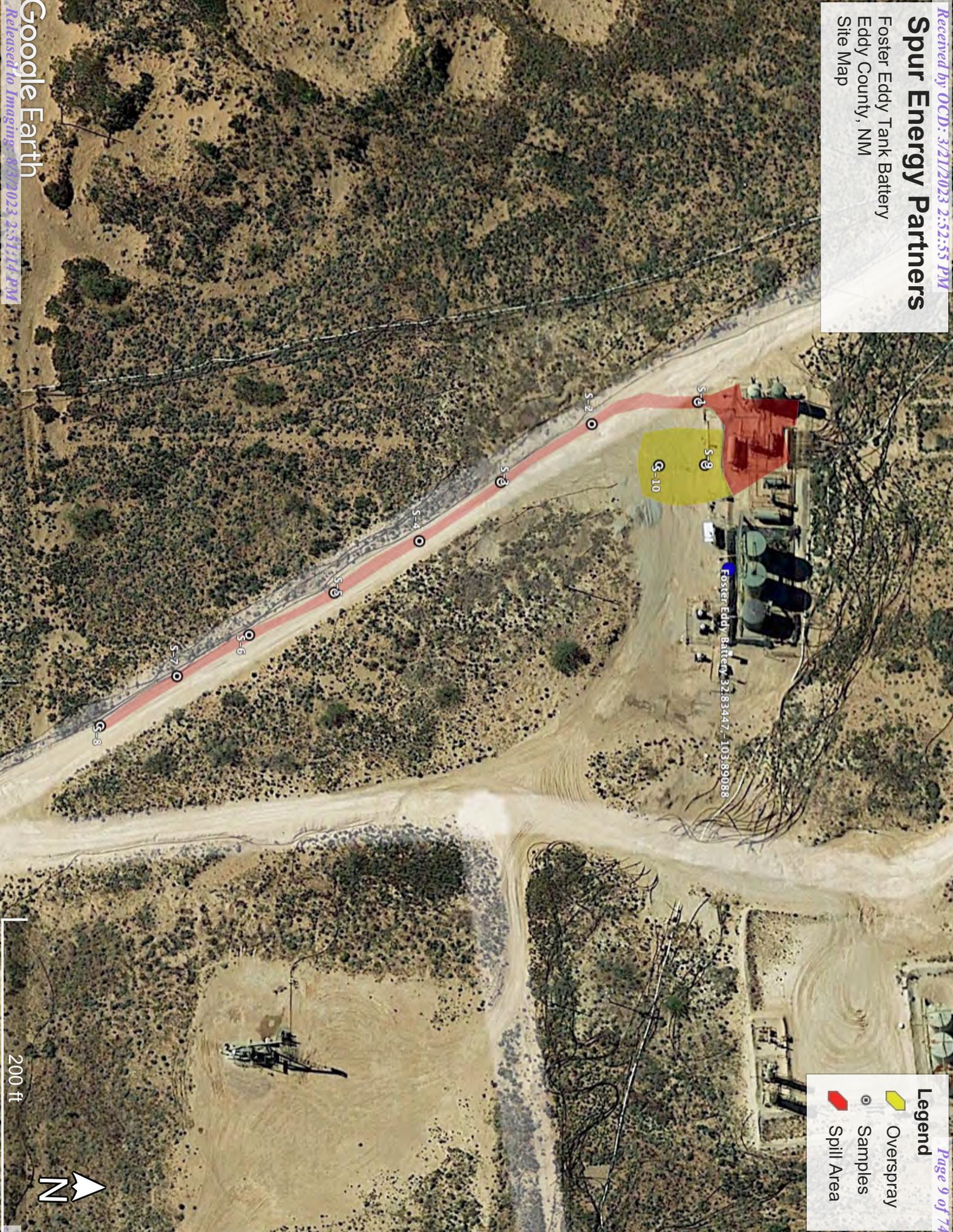


Figures:

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

# Spur Energy Partners

Foster Eddy Tank Battery  
Eddy County, NM  
Site Map



**Legend**

- Overspray
- Samples
- Spill Area

Foster Eddy Battery 32.83447, -103.89088

# Spur Energy Partners

Foster Eddy Tank Battery  
Eddy County, NM  
Topo Map

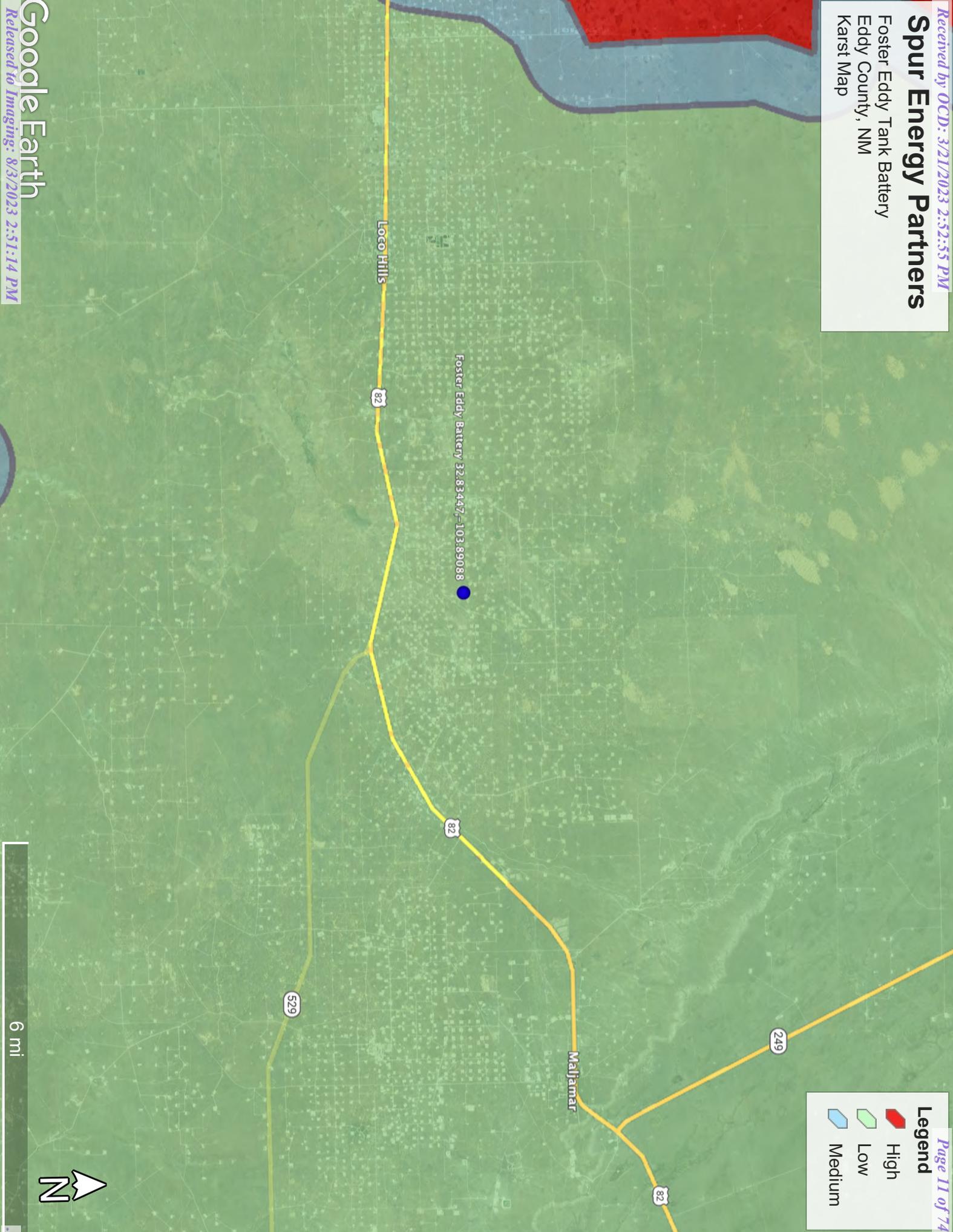


# Spur Energy Partners

Foster Eddy Tank Battery  
Eddy County, NM  
Karst Map

**Legend**

-  High
-  Low
-  Medium



Foster Eddy Battery 32.83447, -103.89088

Logo Hills

Maljamar

82

82

82

249

529

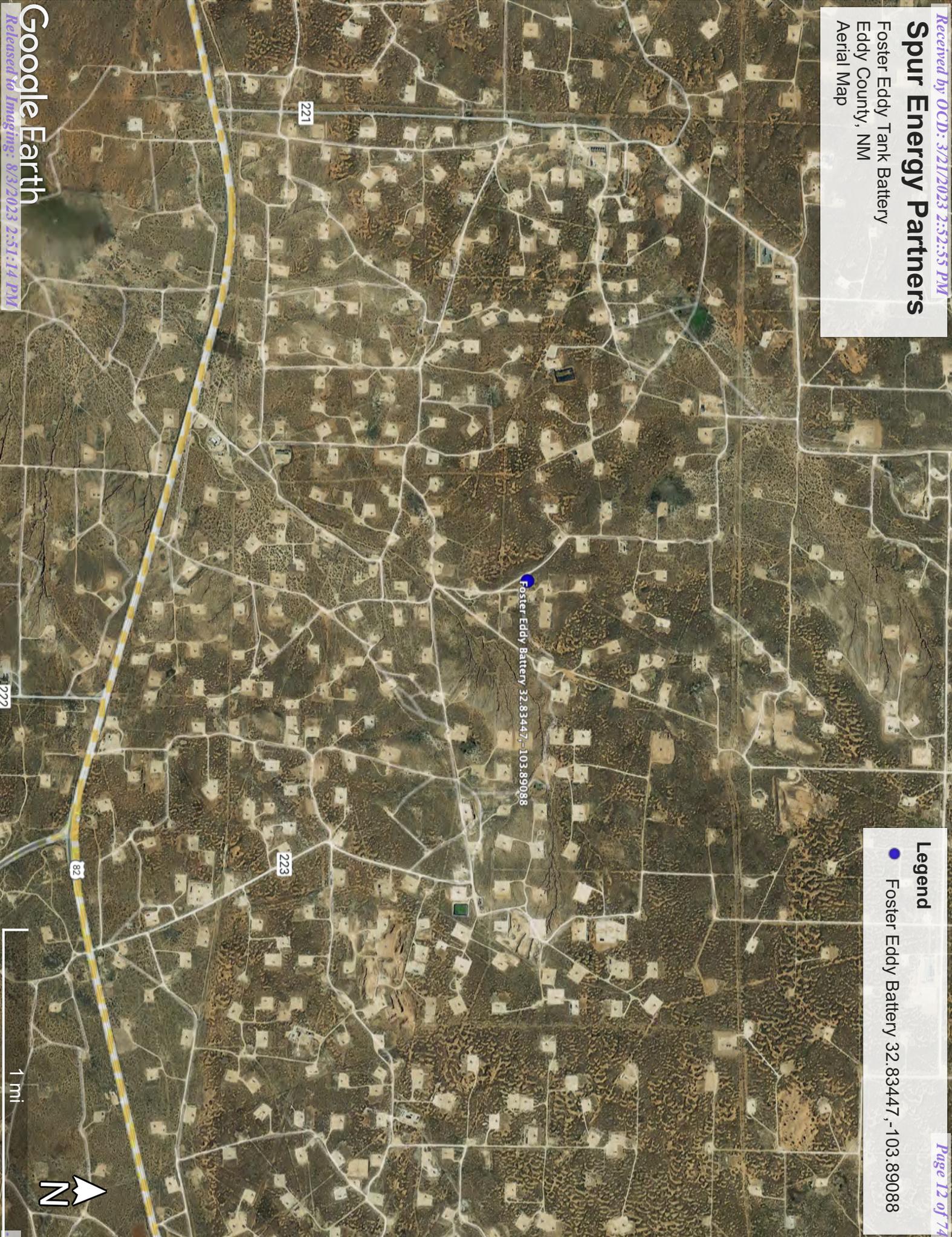


# Spur Energy Partners

Foster Eddy Tank Battery  
Eddy County, NM  
Aerial Map

### Legend

- Foster Eddy Battery 32.83447, -103.89088



Foster Eddy Battery 32.83447, -103.89088

221

223

82

222

1 mi



# Spur Energy Partners

Foster Eddy Battery #10  
API N/A  
Eddy County, NMI  
Confirmation Sample Map

**Legend**

- Foster Eddy Battery 32.83447, -103.89088
- Overspray
- Spill Area





Appendix A  
Referenced Water Data:

New Mexico State of Engineers Office



# New Mexico Office of the State Engineer Water Column/Average Depth to Water

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

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

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

POD Number	Code	POD Sub-basin	County	Q 6	Q 16	Q 4	Sec	Tw	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
<a href="#">RA 13235 POD1</a>		RA	ED	1	1	1	21	17S	31E	604631	3632537	1253	102		

Average Depth to Water: --  
Minimum Depth: --  
Maximum Depth: --

**Record Count:** 1

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 603805.612      **Northing (Y):** 3633480.66      **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.

2/10/23 10:48 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Appendix B  
Soil Survey:

U.S.D.A.  
FEMA Flood Map

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

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## 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

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## 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

Map Unit Description: Largo loam, 1 to 5 percent slopes---Eddy Area, New Mexico

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## Eddy Area, New Mexico

### LA—Largo loam, 1 to 5 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w4y  
*Elevation:* 2,000 to 5,700 feet  
*Mean annual precipitation:* 6 to 14 inches  
*Mean annual air temperature:* 57 to 70 degrees F  
*Frost-free period:* 180 to 260 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Largo and similar soils:* 98 percent  
*Minor components:* 2 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Largo

##### Setting

*Landform:* Plains, alluvial fans  
*Landform position (three-dimensional):* Talf, rise  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear  
*Parent material:* Calcareous alluvium

##### Typical profile

*H1 - 0 to 4 inches:* loam  
*H2 - 4 to 47 inches:* silt loam  
*H3 - 47 to 65 inches:* loam

##### Properties and qualities

*Slope:* 1 to 5 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 (0.20 to 0.60 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 15 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* High (about 10.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3e  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* B

Map Unit Description: Largo loam, 1 to 5 percent slopes---Eddy Area, New Mexico

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*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### **Minor Components**

##### **Largo**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC017NM - Bottomland  
*Hydric soil rating:* No

##### **Pajarito**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BD003NM - Loamy Sand  
*Hydric soil rating:* No

### **Data Source Information**

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



## Legend

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

<b>SPECIAL FLOOD HAZARD AREAS</b>	Without Base Flood Elevation (BFE) <small>Zone A, V, A99</small> With BFE or Depth Zone AE, AO, AH, VE, AR Regulatory Floodway
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<b>OTHER AREAS OF FLOOD HAZARD</b>	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 <small>Zone X</small> Future Conditions 1% Annual Chance Flood Hazard <small>Zone X</small> Area with Reduced Flood Risk due to Levee. See Notes. <small>Zone X</small> Area with Flood Risk due to Levee <small>Zone D</small>
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<b>OTHER AREAS</b>	NO SCREEN Area of Minimal Flood Hazard <small>Zone X</small> Effective LOMIRs Area of Undetermined Flood Hazard <small>Zone D</small>
<b>GENERAL STRUCTURES</b>	Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall

<b>OTHER FEATURES</b>	<b>20.2</b> Cross Sections with 1% Annual Chance Water Surface Elevation <b>17.5</b> Coastal Transect Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary Coastal Transect Baseline Profile Baseline Hydrographic Feature
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<b>MAP PANELS</b>	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 **2/8/2023 at 1:03 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Appendix C:

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

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

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

Incident ID	nAPP2224931263
District RP	
Facility ID	fAPP2203433235
Application ID	

## Release Notification

### Responsible Party

Responsible Party	Spur Energy Partners, LLC	OGRID	328947
Contact Name	Chad Hensley	Contact Telephone	(346) 339-1494
Contact email	chensley@spurenergy.com	Incident # (assigned by OCD)	nAPP2224931263
Contact mailing address	9655 Katy Freeway, Suite 500, Houston, TX 77024		

### Location of Release Source

Latitude 32.83435 Longitude -104.89111  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name	Foster Eddy Battery	Site Type	CTB
Date Release Discovered	9/01/2022	API# (if applicable)	

Unit Letter	Section	Township	Range	County
J	15	17S	20E	Chaves

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 15	Volume Recovered (bbls) 15
	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

3" check on discharge side of pump developed a hole due to internal corrosion causing an estimated 15bbl spill.

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	nAPP2224931263
District RP	
Facility ID	fAPP2203433235
Application ID	

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

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Chad Hensley</u> Title: <u>EHS Coordinator</u> Signature: <u></u> Date: <u>09/06/2022</u> email: <u>chensley@spurenergy.com</u> Telephone: <u>(346) 339-1494</u>
<b><u>OCD Only</u></b> Received by: <u>Jocelyn Harimon</u> Date: <u>09/06/2022</u>

State of New Mexico  
Oil Conservation Division

Form C-141

Incident ID	NAPP2224931263
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 <b>not</b> 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

State of New Mexico  
Oil Conservation Division

Incident ID	NAPP2224931263
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: 03/21/2023

email: [katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com)

Telephone: 575-441-8619

**OCD Only**

Received by: Jocelyn Harimon

Date: 03/21/2023

Incident ID	NAPP2224931263
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: 03/21/2023

email: [katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com)

Telephone: 575-441-8619

**OCD Only**

Received by: Jocelyn Harimon

Date: 03/21/2023

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:

Photographic Documentation

Email Notification



**Photographic Documentation**

**Before Remediation**





**Photographic Documentation**





**Photographic Documentation**

**Post Remediation**



Monday, March 20, 2023 at 18:16:00 Mountain Daylight Time

**Subject:** RE: [EXTERNAL] 48 Notice  
**Date:** Thursday, January 19, 2023 at 9:32:58 AM Mountain Standard Time  
**From:** Harimon, Jocelyn, EMNRD  
**To:** Angel Pena, Bratcher, Michael, EMNRD, Chris Jones, Hamlet, Robert, EMNRD, Nobui, Jennifer, EMNRD, Tristan Jones  
**Attachments:** image001.jpg

Angel,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

**Jocelyn Harimon** • Environmental Specialist  
 Environmental Bureau  
 EMNRD - Oil Conservation Division  
 1220 South St. Francis Drive | Santa Fe, NM 87505  
 (505)469-2821 | [Jocelyn.Harimon@emnrn.nm.gov](mailto:Jocelyn.Harimon@emnrn.nm.gov)  
[http:// www.emnrn.nm.gov](http://www.emnrn.nm.gov)




---

**From:** Angel Pena <angel@paragonenvironmental.net>  
**Sent:** Thursday, January 19, 2023 9:30 AM  
**To:** Bratcher, Michael, EMNRD <mike.bratcher@emnrn.nm.gov>; Chris Jones <chris@paragonenvironmental.net>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrn.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrn.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrn.nm.gov>; Tristan Jones <tristan@paragonenvironmental.net>  
**Subject:** [EXTERNAL] 48 Notice

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

This is to inform you all we will be collecting confirmation samples at the Foster Eddy TB, 01-23-23 at 12:00 AM . If you have any questions or concerns, please let me know.

Thank You,

Angel Peña  
 575-605-0773  
 Paragon Environmental LLC.



Appendix E:  
Laboratory Results



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

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January 27, 2023

CASON SPURLOCK  
PARAGON ENVIROMENTAL  
5002 CARRAIGE RD  
HOBBS, NM 88242

RE: FOSTER EDDY BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/24/23 15:36.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: S - 1 COMP (H230339-01)**

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	01/25/2023	ND	195	97.7	200	0.517	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	221	110	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>92.8 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>108 %</i>	<i>49.1-148</i>						

**Sample ID: S - 2 COMP (H230339-02)**

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	01/25/2023	ND	195	97.7	200	0.517	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	221	110	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>90.6 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>105 %</i>	<i>49.1-148</i>						

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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: S - 3 COMP (H230339-03)**

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	01/25/2023	ND	195	97.7	200	0.517	
<b>DRO &gt;C10-C28*</b>	<b>66.4</b>	10.0	01/25/2023	ND	221	110	200	3.80	
<b>EXT DRO &gt;C28-C36</b>	<b>11.8</b>	10.0	01/25/2023	ND					
<hr/>									
Surrogate: 1-Chlorooctane	91.9 %	48.2-134							
Surrogate: 1-Chlorooctadecane	109 %	49.1-148							

**Sample ID: S - 4 COMP (H230339-04)**

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	01/25/2023	ND	195	97.7	200	0.517	
<b>DRO &gt;C10-C28*</b>	<b>30.8</b>	10.0	01/25/2023	ND	221	110	200	3.80	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					
<hr/>									
Surrogate: 1-Chlorooctane	93.4 %	48.2-134							
Surrogate: 1-Chlorooctadecane	110 %	49.1-148							

**Sample ID: S - 5 COMP (H230339-05)**

Chloride, SM4500Cl-B	mg/kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	01/25/2023	ND	432	108	400	0.00	

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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: S - 6 COMP (H230339-06)**

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	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					
<hr/>									
Surrogate: 1-Chlorooctane	92.8 %	48.2-134							
Surrogate: 1-Chlorooctadecane	93.0 %	49.1-148							

**Sample ID: S - 7 COMP (H230339-07)**

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2023	ND	212	106	200	2.02	
<b>DRO &gt;C10-C28*</b>	<b>44.9</b>	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					
<hr/>									
Surrogate: 1-Chlorooctane	92.4 %	48.2-134							
Surrogate: 1-Chlorooctadecane	96.7 %	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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: S - 8 COMP (H230339-08)**

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	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					
<hr/>									
Surrogate: 1-Chlorooctane	91.1 %	48.2-134							
Surrogate: 1-Chlorooctadecane	91.9 %	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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: WSW - COMP (H230339-09)**

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	01/25/2023	ND	2.01	100	2.00	1.87		
Toluene*	<0.050	0.050	01/25/2023	ND	2.07	104	2.00	1.86		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.00	100	2.00	3.35		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.20	103	6.00	2.86		
Total BTEX	<0.300	0.300	01/25/2023	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	32.0	16.0	01/25/2023	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	01/25/2023	ND	212	106	200	2.02		
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89		
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND						

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: ESW - COMP (H230339-10)**

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	01/25/2023	ND	2.01	100	2.00	1.87	
Toluene*	<0.050	0.050	01/25/2023	ND	2.07	104	2.00	1.86	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.00	100	2.00	3.35	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.20	103	6.00	2.86	
Total BTEX	<0.300	0.300	01/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	01/25/2023	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	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: SSW - 1 (H230339-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	10.4		
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98		
Total BTEX	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/25/2023	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	01/25/2023	ND	212	106	200	2.02		
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89		
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND						

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: SSW - 2 (H230339-12)**

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	01/25/2023	ND	2.06	103	2.00	10.4	
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98	
Total BTEX	<0.300	0.300	01/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	01/25/2023	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
<b>GRO C6-C10*</b>	<b>10.8</b>	10.0	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: SSW - 3 (H230339-13)**

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	01/25/2023	ND	2.06	103	2.00	10.4	
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98	
Total BTEX	<0.300	0.300	01/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	01/25/2023	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	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: SSW - 4 (H230339-14)**

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	01/25/2023	ND	2.06	103	2.00	10.4	
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98	
Total BTEX	<0.300	0.300	01/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/25/2023	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	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: SSW - 5 (H230339-15)**

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	01/25/2023	ND	2.06	103	2.00	10.4		
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98		
Total BTEX	<0.300	0.300	01/25/2023	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	48.0	16.0	01/25/2023	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	01/25/2023	ND	212	106	200	2.02		
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89		
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND						

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: SSW - 6 (H230339-16)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	10.4	
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98	
Total BTEX	<0.300	0.300	01/25/2023	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	01/25/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: SSW - 7 (H230339-17)**

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	01/25/2023	ND	2.06	103	2.00	10.4		
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98		
Total BTEX	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/25/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/25/2023	ND	212	106	200	2.02		
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89		
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND						

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: SSW - 8 (H230339-18)**

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	01/25/2023	ND	2.06	103	2.00	10.4		
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98		
Total BTEX	<0.300	0.300	01/25/2023	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	16.0	16.0	01/25/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/25/2023	ND	212	106	200	2.02		
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89		
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND						

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: NSW - 1 (H230339-19)**

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	01/25/2023	ND	2.06	103	2.00	10.4	
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98	
Total BTEX	<0.300	0.300	01/25/2023	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	<16.0	16.0	01/25/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: NSW - 2 (H230339-20)**

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	01/25/2023	ND	2.06	103	2.00	10.4	
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98	
Total BTEX	<0.300	0.300	01/25/2023	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
<b>Chloride</b>	<b>48.0</b>	16.0	01/25/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: NSW - 3 (H230339-21)**

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	01/25/2023	ND	2.06	103	2.00	10.4	
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98	
Total BTEX	<0.300	0.300	01/25/2023	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	01/25/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: NSW - 4 (H230339-22)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	10.4	
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98	
Total BTEX	<0.300	0.300	01/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/25/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	16.0	10.0	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: NSW - 5 (H230339-23)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	10.4	
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98	
Total BTEX	<0.300	0.300	01/25/2023	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
<b>Chloride</b>	<b>48.0</b>	16.0	01/25/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: NSW - 6 (H230339-24)**

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	01/25/2023	ND	2.06	103	2.00	10.4	
Toluene*	<0.050	0.050	01/25/2023	ND	2.06	103	2.00	9.24	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.04	102	2.00	9.48	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.18	103	6.00	9.98	
Total BTEX	<0.300	0.300	01/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/25/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: NSW - 7 (H230339-25)**

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	01/25/2023	ND	2.01	100	2.00	1.87	
Toluene*	<0.050	0.050	01/25/2023	ND	2.07	104	2.00	1.86	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.00	100	2.00	3.35	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.20	103	6.00	2.86	
Total BTEX	<0.300	0.300	01/25/2023	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
<b>Chloride</b>	<b>32.0</b>	16.0	01/25/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/25/2023	ND	212	106	200	2.02	
DRO >C10-C28*	<10.0	10.0	01/25/2023	ND	215	108	200	1.89	
EXT DRO >C28-C36	<10.0	10.0	01/25/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 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:	01/24/2023	Sampling Date:	01/23/2023
Reported:	01/27/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

**Sample ID: NSW - 8 (H230339-26)**

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	01/25/2023	ND	2.01	100	2.00	1.87	
Toluene*	<0.050	0.050	01/25/2023	ND	2.07	104	2.00	1.86	
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.00	100	2.00	3.35	
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.20	103	6.00	2.86	
Total BTEX	<0.300	0.300	01/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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
<b>Chloride</b>	<b>32.0</b>	16.0	01/25/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/26/2023	ND	197	98.5	200	13.6	
<b>DRO &gt;C10-C28*</b>	<b>228</b>	10.0	01/26/2023	ND	194	97.1	200	11.0	
<b>EXT DRO &gt;C28-C36</b>	<b>62.0</b>	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 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



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**Notes and Definitions**

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

Cardinal Laboratories

\*=Accredited Analyte

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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: Cason Spurlock  
 Address: 5002 Carriage Rd  
 City: Hobbs State: NM zip: 88242  
 Phone #: 575-631-6977 Fax #:  
 Project #:  
 Project Name: Foster Eddy TB  
 Project Location: Ryecl, Eddy County  
 Sampler Name: Angel D. Rice  
 Project Owner: Sol Energy  
 P.O. #: Company: Sol Energy  
 Attn: Address:  
 City: State: Zip:  
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			ACID/BASE:	ICE / COOL	OTHER :	Chlorides	BTEX	TPH		
H230339	5-1	Comp	1							1-23									
	5-2	Comp																	
	5-3	Comp																	
	5-4	Comp																	
	5-5	Comp																	
	5-6	Comp																	
	5-7	Comp																	
	5-8	Comp																	
	5-9	Comp																	
	5-10	Comp																	
	5-11	Comp																	
	5-12	Comp																	
	5-13	Comp																	
	5-14	Comp																	
	5-15	Comp																	
	5-16	Comp																	
	5-17	Comp																	
	5-18	Comp																	
	5-19	Comp																	
	5-20	Comp																	
	5-21	Comp																	
	5-22	Comp																	
	5-23	Comp																	
	5-24	Comp																	
	5-25	Comp																	
	5-26	Comp																	
	5-27	Comp																	
	5-28	Comp																	
	5-29	Comp																	
	5-30	Comp																	
	5-31	Comp																	

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Relinquished By: [Signature]  
 Date: 1-24-23  
 Time: 1536  
 Received By: [Signature]  
 Date: [Blank]  
 Time: [Blank]

Delivered By: (Circle One) #113  
 Sampler - UPS - Bus - Other: 46°C / 40°C  
 Sample Condition: Cool Intact Yes [X] No [ ]  
 Checked By: [Signature]  
 REMARKS: \* Changes are customer Requested 1/25/23

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Paragon Environmental  
 Project Manager: Cason Spurlock  
 Address: 5002 Carriage Rd  
 City: Hobbs State: NM zip: 88242  
 Phone #: 575-631-6977 Fax #:  
 Project #:  
 Project Name: Foster Eddy TB  
 Project Location: Foster Eddy  
 Project Owner: Spur Energy  
 Sampler Name: Andy P. King

P.O. #:  
 Company: Spur Energy  
 Attn:  
 Address:  
 City:  
 State: Zip:  
 Phone #:  
 Fax #:

FOR LAB USE ONLY  
 Lab I.D. Sample I.D.  
 (G)RAB OR (C)OMP.  
 # CONTAINERS  
 MATRIX  
 GROUNDWATER  
 WASTEWATER  
 SOIL  
 OIL  
 SLUDGE  
 OTHER :  
 ACID/BASE:  
 ICE / COOL  
 OTHER :  
 DATE  
 TIME  
 PRESERV.  
 SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS
H238339	SSW-1	C					1-23		Chlorides
	SSW-2								TPH
	SSW-3								BTEX
	SSW-4								
	SSW-5								
	SSW-6								
	SSW-7								
	SSW-8								
	NSW-1								
	NSW-2								

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Relinquished By: [Signature]  
 Date: 1-23-23  
 Time: 15:36  
 Received By: [Signature]  
 Date: 1-23-23  
 Time: 15:36

Delivered By: (Circle One) #13  
 Sampler - UPS - Bus - Other: 4.6c/40c  
 Sample Condition: Cool Intact  
 Yes  No   
 Checked By: [Signature]  
 Phone Result:  Yes  No   
 Add'l Phone #:   
 Fax Result:  Yes  No   
 Add'l Fax #:   
 REMARKS:

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental  
 Project Manager: Cason Spurlock  
 Address: 5002 Carriage Rd  
 City: Hobbs State: NM zip: 88242  
 Phone #: 575-631-6977 Fax #:  
 Project #: Project Owner: Spur Energy  
 Project Name: Foster Eddy TB  
 Project Location: Foster Eddy  
 Sampler Name: Charles Blass

FOR LAB USE ONLY  
 Lab I.D. Sample I.D.  
 (G)RAB OR (C)OMP.  
 # CONTAINERS  
 GROUNDWATER  
 WASTEWATER  
 SOIL  
 OIL  
 SLUDGE  
 OTHER :  
 ACID/BASE:  
 ICE / COOL  
 OTHER :  
 DATE  
 TIME  
 MATRIX  
 PRESERV.  
 SAMPLING  
 P.O. #:  
 Company: Spur Energy  
 Attn:  
 Address:  
 City:  
 State: Zip:  
 Phone #:  
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	ANALYSIS REQUEST
H230339	NSW-3	✓	1										1-25		Chlorides BTex TPH
31	NSW-4														
32	NSW-5														
33	NSW-6														
34	NSW-7														
35	NSW-8														
36	NSW-9														

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Relinquished By: [Signature] Date: 1-24-23 Time: 1:36  
 Received By: [Signature] Date: 1-25 Time: [Blank]

Delivered By: (Circle One) Sample Condition Cool  Intact   
 Sampler - UPS - Bus - Other: 4.6c / 4.0c Yes  No

Checked By: [Signature] (Initials) [Signature]  
 REMARKS: [Blank]

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



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---

February 01, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: FOSTER EDDY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/31/23 14:09.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/31/2023	Sampling Date:	01/30/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	RURAL EDDY		

**Sample ID: S - 9 (H230437-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.109</b>	0.050	01/31/2023	ND	1.99	99.3	2.00	6.27	
<b>Toluene*</b>	<b>0.185</b>	0.050	01/31/2023	ND	2.05	102	2.00	6.33	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.05	103	2.00	6.35	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.17	103	6.00	5.56	
Total BTEX	<0.300	0.300	01/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>208</b>	16.0	02/01/2023	ND	416	104	400	3.92	

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	01/31/2023	ND	205	103	200	0.445	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	218	109	200	0.936	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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\*=Accredited Analyte

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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:	01/31/2023	Sampling Date:	01/30/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	RURAL EDDY		

**Sample ID: S - 10 (H230437-02)**

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	01/31/2023	ND	1.99	99.3	2.00	6.27	
Toluene*	<0.050	0.050	01/31/2023	ND	2.05	102	2.00	6.33	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.05	103	2.00	6.35	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.17	103	6.00	5.56	
Total BTEX	<0.300	0.300	01/31/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/01/2023	ND	416	104	400	3.92	

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	01/31/2023	ND	205	103	200	0.445	
DRO >C10-C28*	<10.0	10.0	01/31/2023	ND	218	109	200	0.936	
EXT DRO >C28-C36	<10.0	10.0	01/31/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 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  
CHRIS JONES  
5002 CARRAIGE RD  
HOBBS NM, 88242  
Fax To:

Received:	01/31/2023	Sampling Date:	01/30/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	RURAL EDDY		

**Sample ID: S - 11 (H230437-03)**

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	01/31/2023	ND	1.99	99.3	2.00	6.27	
Toluene*	<0.050	0.050	01/31/2023	ND	2.05	102	2.00	6.33	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.05	103	2.00	6.35	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.17	103	6.00	5.56	
Total BTEX	<0.300	0.300	01/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/01/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	205	103	200	0.445	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	218	109	200	0.936	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/31/2023	Sampling Date:	01/30/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	RURAL EDDY		

**Sample ID: SSW - 9 (H230437-04)**

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	01/31/2023	ND	1.99	99.3	2.00	6.27	
Toluene*	<0.050	0.050	01/31/2023	ND	2.05	102	2.00	6.33	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.05	103	2.00	6.35	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.17	103	6.00	5.56	
Total BTEX	<0.300	0.300	01/31/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>304</b>	16.0	02/01/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	205	103	200	0.445	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	218	109	200	0.936	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/31/2023	Sampling Date:	01/30/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	RURAL EDDY		

**Sample ID: NSW - 9 (H230437-05)**

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	01/31/2023	ND	1.99	99.3	2.00	6.27		
Toluene*	<0.050	0.050	01/31/2023	ND	2.05	102	2.00	6.33		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.05	103	2.00	6.35		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.17	103	6.00	5.56		
Total BTEX	<0.300	0.300	01/31/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	02/01/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	205	103	200	0.445		
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	218	109	200	0.936		
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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\*=Accredited Analyte

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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:	01/31/2023	Sampling Date:	01/30/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	RURAL EDDY		

**Sample ID: ESW - COMP (H230437-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/31/2023	ND	1.99	99.3	2.00	6.27	
Toluene*	<0.050	0.050	01/31/2023	ND	2.05	102	2.00	6.33	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.05	103	2.00	6.35	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.17	103	6.00	5.56	
Total BTEX	<0.300	0.300	01/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>160</b>	16.0	02/01/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	205	103	200	0.445	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	218	109	200	0.936	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:	01/31/2023	Sampling Date:	01/30/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	RURAL EDDY		

**Sample ID: WSW - COMP (H230437-07)**

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	01/31/2023	ND	1.99	99.3	2.00	6.27		
Toluene*	<0.050	0.050	01/31/2023	ND	2.05	102	2.00	6.33		
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.05	103	2.00	6.35		
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.17	103	6.00	5.56		
Total BTEX	<0.300	0.300	01/31/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	02/01/2023	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	205	103	200	0.445		
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	218	109	200	0.936		
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND						

Surrogate: 1-Chlorooctane 97.8 % 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:	01/31/2023	Sampling Date:	01/30/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	RURAL EDDY		

**Sample ID: S - 12 (H230437-08)**

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	01/31/2023	ND	1.99	99.3	2.00	6.27	
Toluene*	<0.050	0.050	01/31/2023	ND	2.05	102	2.00	6.33	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.05	103	2.00	6.35	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.17	103	6.00	5.56	
Total BTEX	<0.300	0.300	01/31/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/01/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	205	103	200	0.445	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	218	109	200	0.936	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received:	01/31/2023	Sampling Date:	01/30/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	RURAL EDDY		

**Sample ID: S - 13 (H230437-09)**

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	01/31/2023	ND	1.99	99.3	2.00	6.27	
Toluene*	<0.050	0.050	01/31/2023	ND	2.05	102	2.00	6.33	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.05	103	2.00	6.35	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.17	103	6.00	5.56	
Total BTEX	<0.300	0.300	01/31/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/01/2023	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	205	103	200	0.445	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	218	109	200	0.936	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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**Analytical Results For:**

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

Received:	01/31/2023	Sampling Date:	01/30/2023
Reported:	02/01/2023	Sampling Type:	Soil
Project Name:	FOSTER EDDY TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	RURAL EDDY		

**Sample ID: S - 14 (H230437-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.058</b>	0.050	01/31/2023	ND	1.99	99.3	2.00	6.27	
<b>Toluene*</b>	<b>0.168</b>	0.050	01/31/2023	ND	2.05	102	2.00	6.33	
Ethylbenzene*	<0.050	0.050	01/31/2023	ND	2.05	103	2.00	6.35	
Total Xylenes*	<0.150	0.150	01/31/2023	ND	6.17	103	6.00	5.56	
Total BTEX	<0.300	0.300	01/31/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>288</b>	16.0	02/01/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2023	ND	205	103	200	0.445	
DRO >C10-C28*	<10.0	10.0	02/01/2023	ND	218	109	200	0.936	
EXT DRO >C28-C36	<10.0	10.0	02/01/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



**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 199461

**CONDITIONS**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 199461
	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 #NAPP2224931263 FOSTER EDDY TANK BATTERY, thank you. This closure is approved.	8/3/2023