Cuill Valence (Phile) Calculates										
Spill Volume(Bbls) Calculator										
Inputs in blue , Outputs in red										
Length(Ft)	Width(Ft)	Depth(In)								
<u>120.000</u>	<u>42.000</u>	<u>1.500</u>								
Cubic Feet	Impacted	<u>630.000</u>								
Barr	els	<u>112.20</u>								
Soil T	ype	Clay/Sand								
Bbls Assum	ing 100%	16.02								
Satura	ition	<u>16.83</u>								
Saturation	Fluid pr	esent with shovel/backhoe								
Estimated Barr	rels Released	16.90000								

Instructions

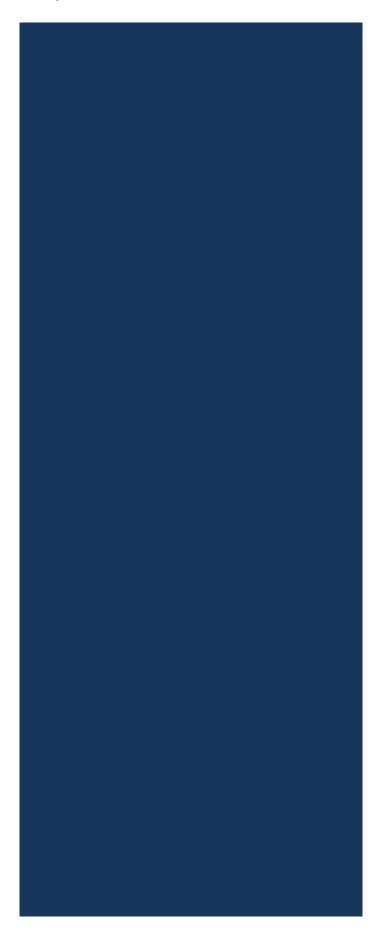
- 1.Input spill measurements below. Length and width need to be input in feet and depth in inches.
- 2. Select a soil type from the drop down menu.3. Select a saturation level from the drop down menu.

(For data gathering instructions see appendix tab)

<u>Measurements</u>									
,									
Length (ft)	120								
Width (ft)	42								
Depth (in)	1.500								



D 1 1 7 1 7 2000 1 1 05 20 D16







May 10, 2024

NMOCD District 2 Mike Bratcher Artesia, NM 88210

Bureau of Land Management Crisha Morgan Carlsbad Field Office

Re: Site Assessment, Remediation, and Closure Request

Pearsall SWD Gathering Line

API No. N/A

GPS: Latitude 32.816418 Longitude -103.781059

UL "I", Sec. 20, T17S, R32E

Eddy County, NM

NMOCD Ref. No. nAPP2113148964

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

Release Details										
Tyme of Delegge	Produced Water	Volume of Release: 17 bbls								
Type of Release:	Produced water	Volume Recovered: 5 bbls								
Source of Release:	Flow Line	Date of Release: 4/30/21								
Was Immediate Notice Given?	No	If, Yes, to Whom? N/A								
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse: N/A								
Surface Owner:	Federal	Mineral Owner: Federal								

The release was caused by a split in the flowline. The release impacted the lease road and the adjacent pasture. Vacuum trucks were immediately dispatched to recover all standing fluids.

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

REGULATORY FRAMEWORK & SITE CHARACTERIZATION

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

- Depth to Groundwater in the affected area- 75-100'
- Method to determine DTW- NM OSE
- Did the release impact groundwater or surface water- No

Depth to groundwater information is provided in Appendix A.

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

- A Continuously flowing watercourse or any other significant watercourse- > 5 Mile
- Any lakebed, sinkhole, or playa lake- 1-5 mi
- An occupied permanent residence, school, hospital, institution, or church- 1-5 mi
- A spring or a private domestic fresh water well used by less than 5 households for domestic or stock watering purposes- 1-5 mi
- Any other fresh water well or spring- 1-5 mi
- Incorporated municipal boundaries or a defined municipal fresh water well field- 1-5 mi
- A wetland- 1000'-1/2 mi
- A subsurface mine- >5 mi
- An (non-karst) unstable area- >5 mi
- Categorize the risk of this well/site being in a karst area geology- Low
- A 100-year floodplain- 1/2-1 mi
- Did the release impact areas not on an exploration, development, production, or storage site- Yes

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and piedmont deposits (Holocene to middle Pleistocene)—Interlayed 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 Kermit Soils / Dune Land, with 0 to 12 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are excessively drained.

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

INITIAL SITE ASSESSMENT

On August 24th, 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 come out of the flow line and flowed along the lease road and into the pasture. Eight (8) 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:

8-24-22 Sample Results

	NMOCD Table	1 Closure C	riteria 19.15	.29 NMA	C (Depth	to Ground	dwater is <50')	
Sample Da	te 8-24-22	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
	0-6"	ND	ND	ND	ND	ND	ND	32
	1'	ND	ND	ND	ND	ND	ND	32
S-1	2'	ND	ND	ND ND		ND	ND	304
	3'	ND	ND	ND	ND	ND	ND	336
	4'	ND	ND	ND	ND	ND	ND	352
	0-6"	ND	ND	ND	ND	Criteria ≤ 100 mg/kg Criteria ≤ 600 mg/kg MRO Total TPH CHLORIDES ND ND 32 ND ND 32 ND ND 304 ND ND 336	80	
	1'	ND	ND	ND	ND	ND	ND	64
S-2	2'	ND	ND	ND	ND	ND	ND	80
	3'	ND	ND	ND	ND			
	4'	ND	ND	ND	ND	ND	ND	416
S-3 S-4	0-6"	ND	ND	ND	ND			
	1' REFUSAL	ND	ND	ND	ND	ND	ND	96
	0-6"	ND	ND	ND	ND	ND	ND	128
S-4	1'	ND	ND	ND	ND	ND		
	2'	ND	ND	ND	ND			
	3' REFUSAL	ND	ND	ND	ND	ND	ND	208
	0-6"	ND	ND	ND	ND	ND	ND	64
	1'	ND	ND	ND	ND	ND	ND	112
S-5	2'	ND	ND	ND	ND	ND	ND	64
S-5	3'	ND	ND	ND	ND	ND	ND	112
	4'	ND	ND	ND	ND	ND	ND	112
	0-6"	ND	ND	ND	ND	ND	ND ND 80 ND ND 64 ND ND 80 ND ND 96 ND ND 416 ND ND 64 ND ND 96 ND ND 128 ND ND 112 ND ND 112 ND ND 208 ND ND 64 ND ND 64 ND ND 112 ND ND 112 ND ND 112 ND ND 32 ND ND 80 ND ND 80 ND ND 80 ND ND 32 ND ND 32 ND ND 48 ND ND 48 ND ND 32	
	1'	ND	ND	ND	ND	ND	ND	32
S-6	2'	ND	ND	ND	ND	ND	ND	80
	3'	ND	ND	ND	ND	ND	ND	96
	4'	ND	ND	ND	ND	ND	ND	80
	0-6"	ND	ND	ND	ND	ND	ND	32
	1'	ND	ND	ND	ND	ND	ND	16
S-7	2'	ND	ND	ND	ND	ND	ND	48
	3'	ND	ND	ND	ND			
	4'	ND	ND	ND	ND			
	0-6"	ND	ND	ND	ND	ND	ND	32
	1'	ND	ND	ND	ND			
S-8	2'	ND	ND	ND	ND			
	3'	ND	ND	ND	ND			
	4'	ND	ND ND	ND	ND			
	7	NO	(MD) A	l		ND	NO	10

(ND) Analyte Not Detected

A Site Map is provided in Figure #1.

REMEDIATION ACTIVITIES

These samples returned clean since another company had cleaned this spill up in the past using chemicals. However, the NMOCD rejected this closure due to chemical remediation not being approved, so knowing this, we decided to move forward with digging out and hauling off the old spill area.

On March 18th, 2024, Paragon mobilized personnel and heavy equipment to conduct remedial activities. Based on the site characteristics and field observations made during the site assessment, the following details the remedial activities we conducted to advance the Release Site toward an NMOCD-approved site closure.

Our remediation began by excavating in the areas from S-1 to S-8 down to 1' BGS. The spill path was approximately 1200 feet long, ranging from 6" to 1.5' wide. The pasture area measured approximately 300 S/F. We excavated approximately 160 C/Y from this project. An email notification was sent to the NMOCD prior to obtaining confirmation samples. The bottom samples were representative of no more than 200 sq/ft, and the sidewall samples were obtained every 50 feet. The results of this sampling event are in the following data table.

3-20-24 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')											
Sample Date 3-20-24	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg				
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES				
ESW - 1 1'	ND	ND	ND	ND	ND	0	96				
ESW - 2 1'	ND	ND	ND	ND	ND	0	80				
ESW - 3 1'	ND	ND	ND	ND	ND	0	144				
NSW - 1 1'	ND	ND	ND	ND	ND	0	48				
NSW - 10 1'	ND	ND	ND	16.6	15.9	32.5	64				
NSW - 11 1'	ND	ND	ND	ND	ND	0	64				
NSW - 12 1'	ND	ND	ND	ND	ND	0	48				
NSW - 13 1'	ND	ND	ND	ND	ND	0	64				
NSW - 14 1'	ND	ND	ND	ND	ND	0	48				
NSW - 2 1'	ND	ND	ND	ND	ND	0	48				
NSW - 3 1'	ND	ND	ND	11	ND	11	64				
NSW - 4 1'	ND	ND	ND	ND	ND	0	176				
NSW - 5 1'	ND	ND	ND	ND	ND	0	32				
NSW - 6 1'	ND	ND	ND	17.3	17.1	34.4	80				
NSW - 7 1'	ND	ND	ND	ND	ND	0	64				
NSW - 8 1'	ND	ND	ND	ND	ND	0	16				
NSW - 9 1'	ND	ND	ND	ND	ND	0	64				
S-1 1'	ND	ND	ND	ND	ND	0	64				
S - 2 1'	ND	ND	ND	ND	ND	0	48				
S - 3 1'	ND	ND	ND	ND	ND	0	64				
S - 4 1'	ND	ND	ND	ND	ND	0	80				
S - 5 1'	ND	ND	ND	ND	ND	0	32				
S-6 1'	ND	ND	ND	ND	ND	0	32				
S - 7 1'	ND	ND	ND	14.7	ND	14.7	96				
S-8 1'	ND	ND	ND	ND	ND	0	64				
S-9 1'	ND	ND	ND	ND	ND	0	336				
SSW - 1 1'	ND	ND	ND	ND	ND	0	160				
SSW - 10 1'	ND	ND	ND	ND	ND	0	64				
SSW - 11 1'	ND	ND	ND	ND	ND	0	48				
SSW - 12 1'	ND	ND	ND	ND	ND	0	16				
SSW - 13 1'	ND	ND	ND	ND	ND	0	96				

SSW - 14 1'	ND	ND	ND	ND	ND	0	64
SSW - 2 1'	ND	ND	ND	ND	ND	0	16
SSW - 3 1'	ND	ND	ND	ND	ND	0	64
SSW - 4 1'	ND	ND	ND	ND	ND	0	48
SSW - 5 1'	ND	ND	ND	ND	ND	0	48
SSW - 6 1'	ND	ND	ND	ND	ND	0	64
SSW - 7 1'	ND	ND	ND	17.6	ND	17.6	48
SSW - 8 1'	ND	ND	ND	ND	ND	0	48
SSW - 9 1'	ND	ND	ND	ND	ND	0	48
WSW - 1 1'	ND	ND	ND	ND	ND	0	16
WSW - 2 1'	ND	ND	ND	ND	ND	0	32
WSW - 3 1'	ND	ND	ND	38.6	ND	38.6	64
NSW - 15 1'	ND	ND	ND	ND	ND	0	64
NSW - 16 1'	ND	ND	ND	ND	ND	0	48
NSW - 17 1'	ND	ND	ND	ND	ND	0	32
NSW - 18 1'	ND	ND	ND	ND	ND	0	32
NSW - 19 1'	ND	ND	ND	ND	ND	0	80
NSW - 20 1'	ND	ND	ND	ND	ND	0	64
NSW - 21 1'	ND	ND	ND	ND	ND	0	112
NSW - 22 1'	ND	ND	ND	ND	ND	0	80
NSW - 23 1'	ND	ND	ND	86.3	85.5	171.8	112
NSW - 24 1'	ND	ND	ND	ND	ND	0	96
NSW - 25 1'	ND	ND	ND	ND	ND	0	80
NSW - 26 1'	ND	ND	ND	11.6	10.4	22	80
SSW - 15 1'	ND	ND	ND	ND	ND	0	96
SSW - 16 1'	ND	ND	ND	ND	ND	0	80
SSW - 17 1'	ND	ND	ND	ND	ND	0	48
SSW - 18 1'	ND	ND	ND	ND	ND	0	80
SSW - 19 1'	ND	ND	ND	ND	ND	0	32
SSW - 20 1'	ND	ND	ND	ND	ND	0	80
SSW - 21 1'	ND	ND	ND	ND	ND	0	64
SSW - 22 1'	ND	ND	ND	ND	ND	0	48
SSW - 23 1'	ND	ND	ND	ND	ND	0	112
SSW - 24 1'	ND	ND	ND	36.3	34.4	70.7	128
SSW - 25 1'	ND	ND	ND	ND	ND	0	128
SSW - 26 1'	ND	ND	ND	ND	ND	0	80

(ND) Analyte Not Detected

Upon receiving these sample results, an additional 6 inches was removed from the sidewall of NSW-23. The results of this event are in the following data table.

5-1-24 Confirmation Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')										
Sample Date 5-1-24	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg Closure Criteria ≤ 100 mg/kg Closure Criteria ≤ 600 mg/kg								
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES			
NSW - 23 1'	ND	ND	ND	ND	ND	0	32			

(ND) Analyte Not Detected

These laboratory analytical results showed that the confirmation soil samples were below NMOCD Closure Criteria. The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. After receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with "like" material obtained from a localized sand pit. The affected area was then contoured and machine-compacted to match the surrounding grade.

CLOSURE REQUEST

After careful review, Paragon requests that the incident, nAPP2113148964, 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.

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 Maps

Appendices:

Appendix A – Referenced Water Surveys

Appendix B – Soil Survey and FEMA Flood Map

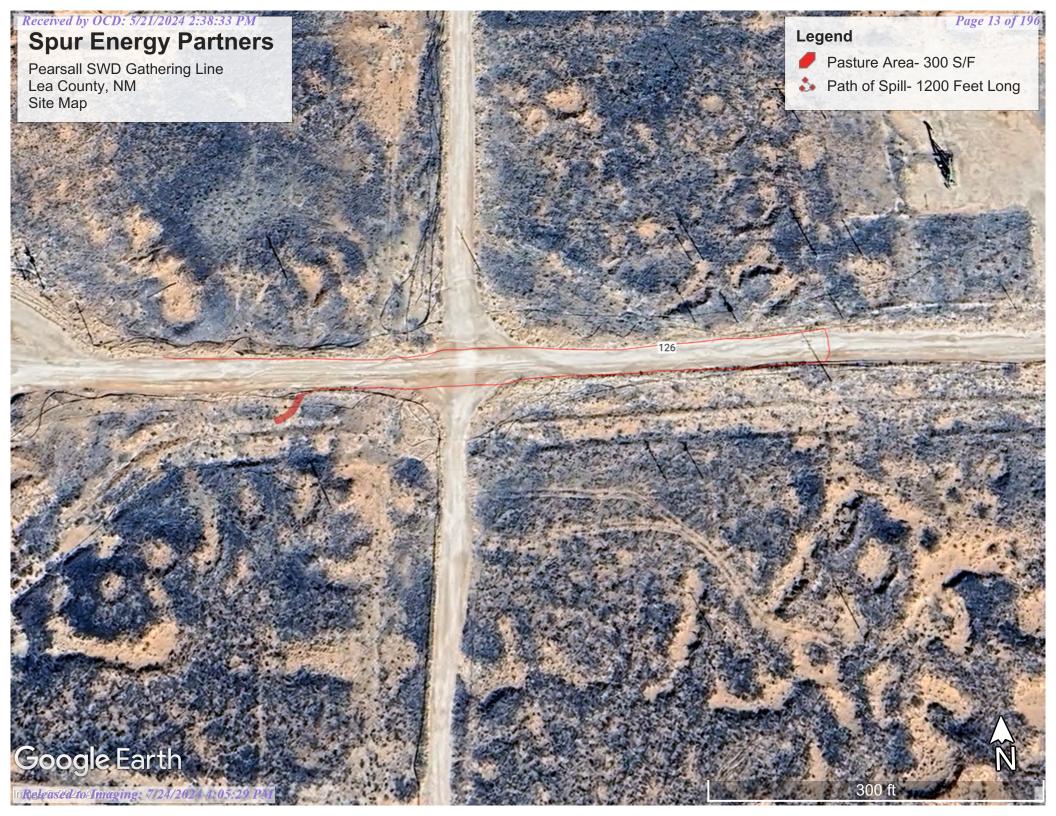
Appendix C – OCD Notification & Photographic Documentation

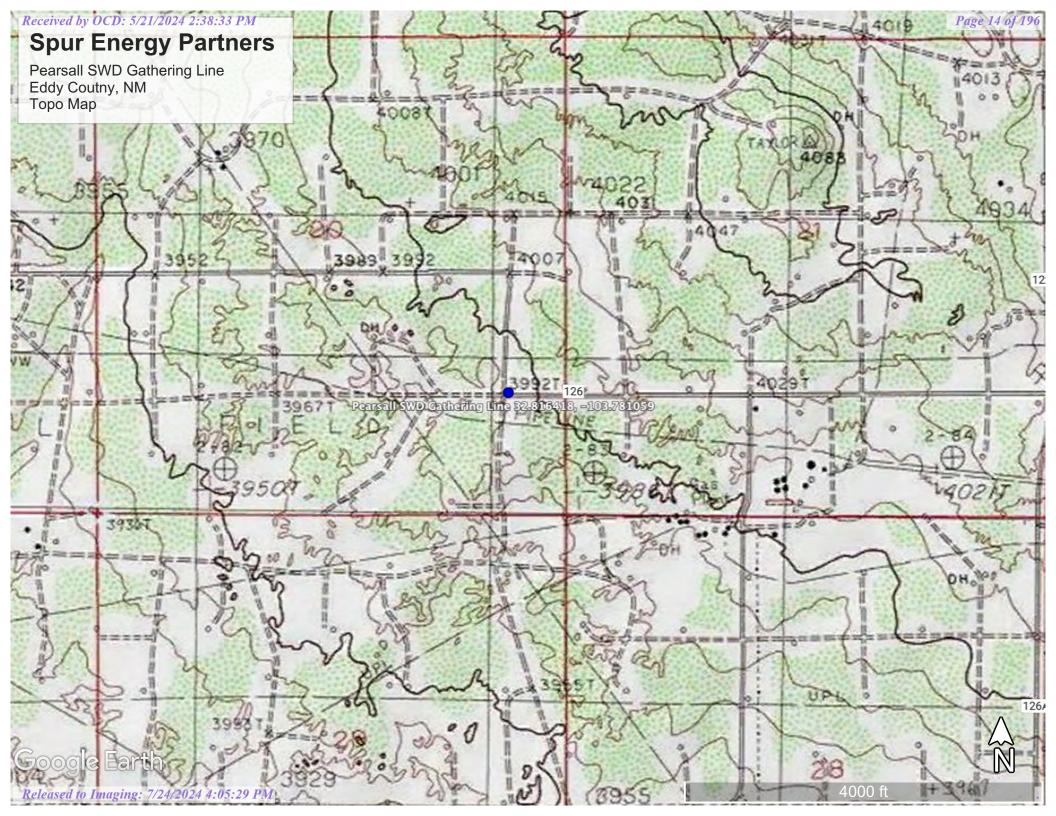
Appendix D – Laboratory Reports

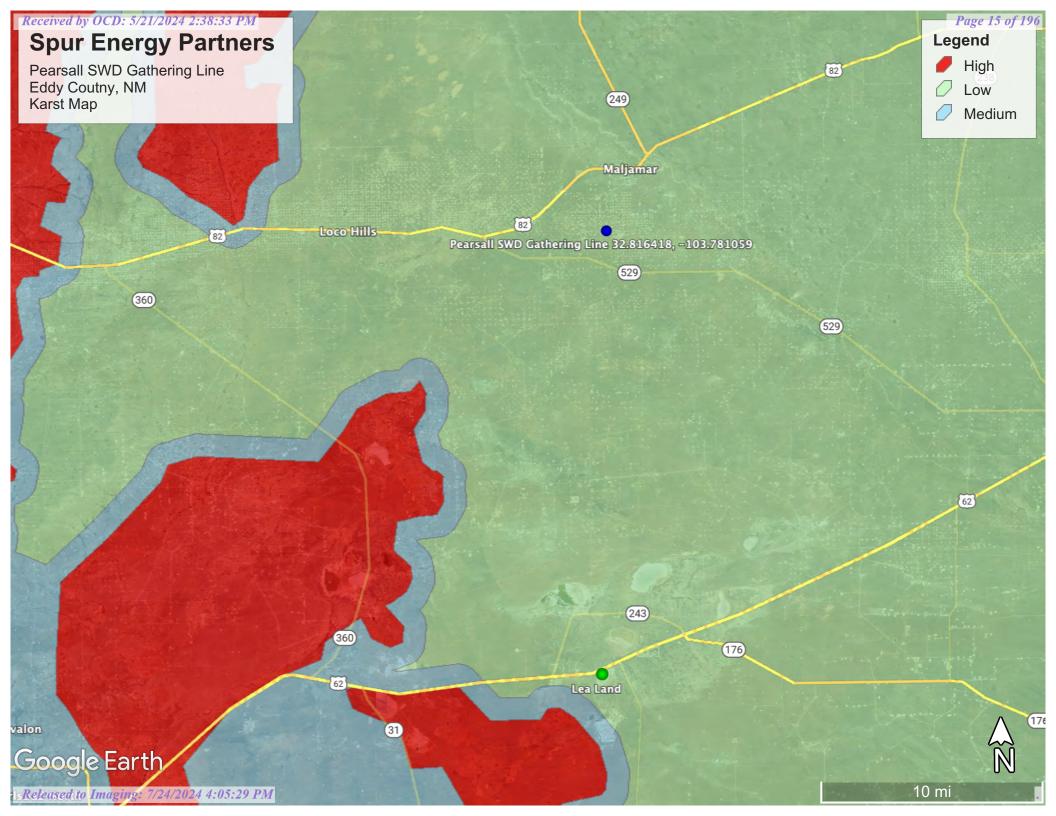


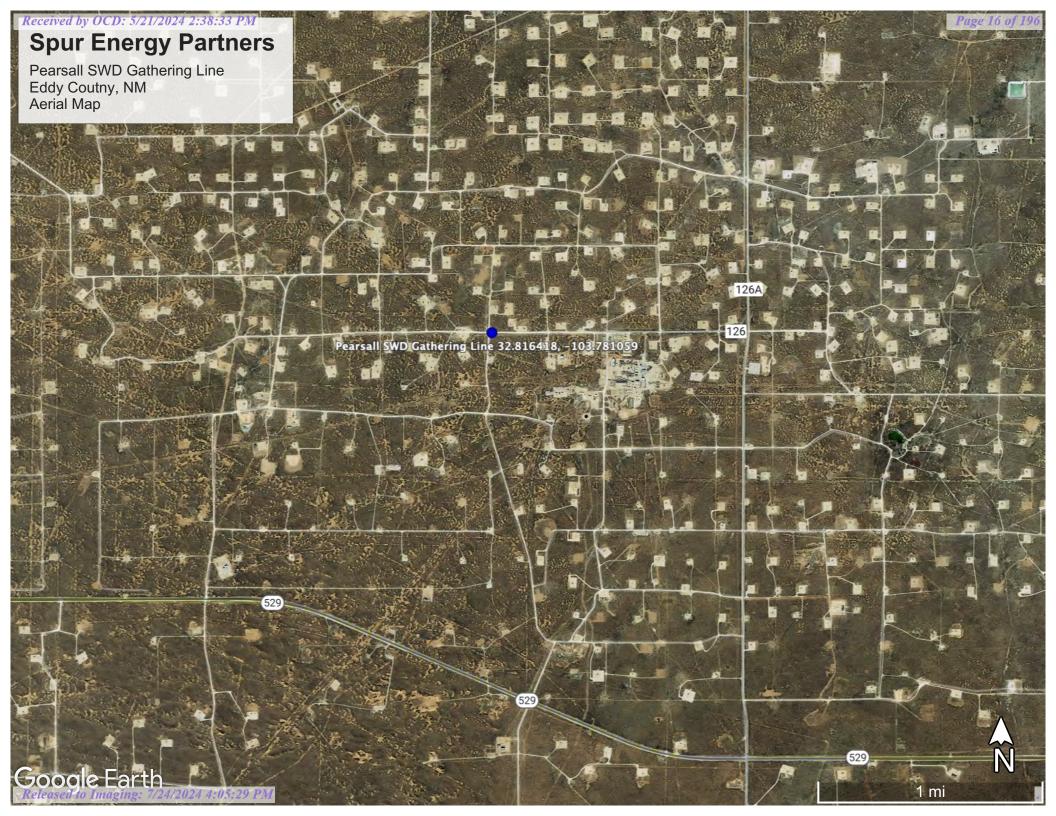
Figures:

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

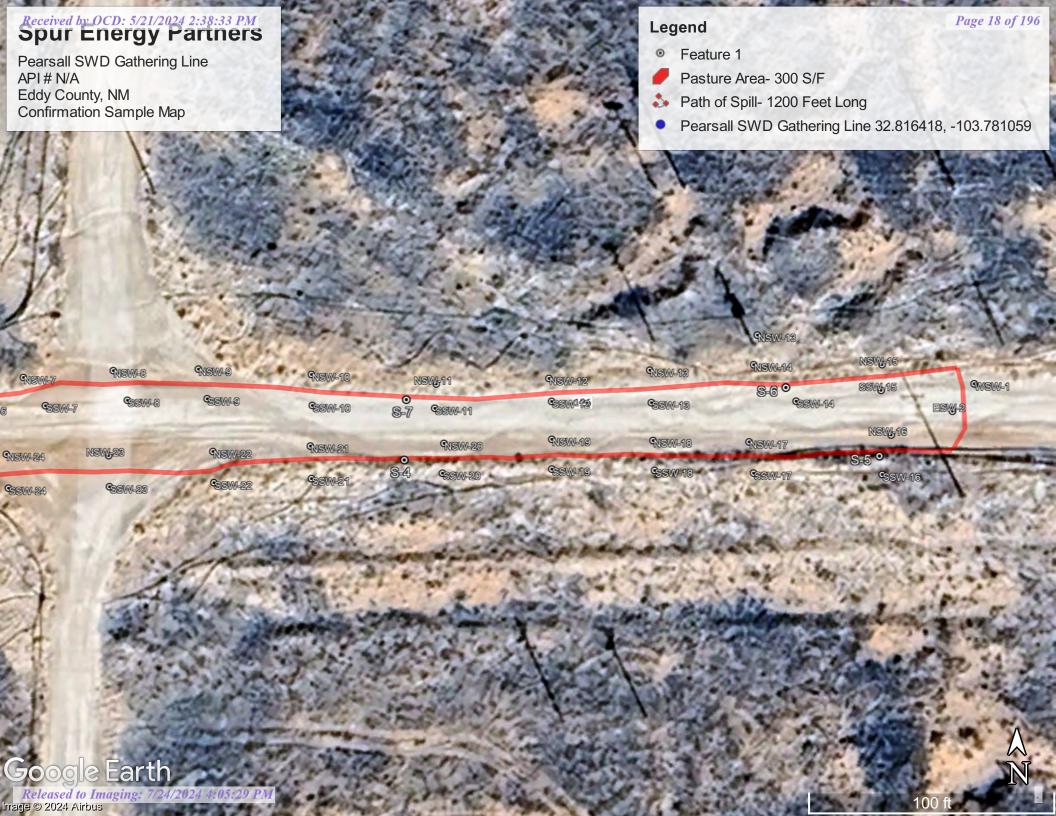














Appendix A Referenced Water Data:

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												
		Sub-		Q	Q	Q								Water
POD Number	Code	basin	County	64	16	4 Se	c Tws	Rng	X	\mathbf{Y}	DistanceDep	othWellDep	othWater (Column
RA 12042 POD1		RA	LE	2	2	1 28	3 17S	32E	614891	3631181	870	400		
<u>RA 10175</u>		RA	LE		2	1 28	3 17S	32E	614814	3631005*	908	158		
RA 12522 POD1		RA	LE	3	3	4 2	17S	32E	614941	3631122	942	100		
RA 12020 POD1		RA	LE	2	2	1 28	3 17S	32E	614828	3630954	952	120	81	39
RA 12522 POD2		RA	LE	2	2	1 28	3 17S	32E	614949	3631098	962	100		
RA 12522 POD3		RA	LE	4	4	3 28	3 17S	32E	614980	3631093	991	100		
RA 12521 POD1		RA	LE	3	3	4 2	17S	32E	615127	3631271	1051	105	92	13
RA 12020 POD3		RA	LE	2	1	2 28	3 17S	32E	615152	3631019	1176	112	83	29
RA 12721 POD2		RA	LE	•		4 28			615055	3630407	1511	124	75	49
<u>RA 12721 POD1</u>		RA	LE	3	2	3 28	3 17S	32E	614645	3630141	1547	125		

Average Depth to Water:

82 feet

Minimum Depth:

75 feet

Maximum Depth:

92 feet

Record Count: 10

UTMNAD83 Radius Search (in meters):

Easting (X): 614128.937 Northing (Y): 3631601.295 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.

^{*}UTM location was derived from PLSS - see Help





New Mexico Office of the State Engineer

Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number**

Q64 Q16 Q4 Sec Tws Rng

RA 12020 POD1

1 28 17S 32E

614828

3630954

Driller License: 1456

Driller Company:

WHITE DRILLING COMPANY

Driller Name:

WHITE, JOHN (LD)

Drill Start Date:

09/24/2013

Drill Finish Date:

09/25/2013

Plug Date:

Log File Date:

10/07/2013

PCW Rcv Date:

Source:

Shallow

Pump Type:

Pipe Discharge Size:

Estimated Yield:

Casing Size:

2.00

Depth Well:

120 feet

Depth Water:

81 feet

Water Bearing Stratifications:

Top **Bottom Description**

70

111 Sandstone/Gravel/Conglomerate

111

120 Shale/Mudstone/Siltstone

Casing Perforations:

Bottom Top

75 110

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

7/26/23 1:23 PM

POINT OF DIVERSION SUMMARY



Appendix B Soil Survey:

U.S.D.A.

FEMA Flood Map

Lea County, New Mexico

KM—Kermit soils and Dune land, 0 to 12 percent slopes

Map Unit Setting

National map unit symbol: dmpx Elevation: 3,000 to 4,400 feet

Mean annual precipitation: 10 to 15 inches Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 46 percent

Dune land: 44 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Kermit

Setting

Landform: Dunes

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

footslope

Landform position (three-dimensional): Side slope Down-slope shape: Convex, linear, concave

Across-slope shape: Convex

Parent material: Calcareous sandy eolian deposits derived from

sedimentary rock

Typical profile

A - 0 to 8 inches: fine sand C - 8 to 60 inches: fine sand

Properties and qualities

Slope: 5 to 12 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Very low

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

Calcium carbonate, maximum content: 3 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

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



Map Unit Description: Kermit soils and Dune land, 0 to 12 percent slopes---Lea County, New Mexico

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BC022NM - Sandhills

Hydric soil rating: No

Description of Dune Land

Setting

Landform: Dunes

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

footslope

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear, concave

Across-slope shape: Convex

Parent material: Sandy eolian deposits derived from sedimentary

rock

Typical profile

A - 0 to 6 inches: fine sand C - 6 to 60 inches: fine sand

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 8

Hydrologic Soil Group: A Hydric soil rating: No

Minor Components

Palomas

Percent of map unit: 3 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Pyote

Percent of map unit: 3 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Wink

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Maljamar

Percent of map unit: 2 percent

Ecological site: R070BD003NM - Loamy Sand

Map Unit Description: Kermit soils and Dune land, 0 to 12 percent slopes---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 19, Sep 8, 2022

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

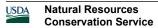
Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R042XC005NM - Deep Sand

Hydric soil rating: No



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: R042XC003NM - Loamy Sand

Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent

Hydric soil rating: No

Data Source Information

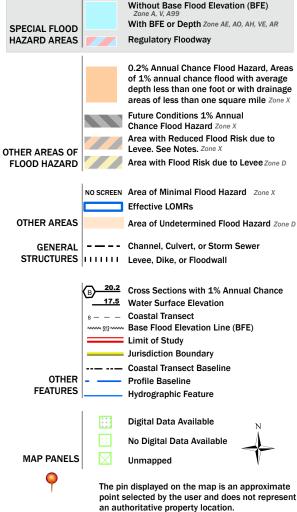
Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021

National Flood Hazard Layer FIRMette





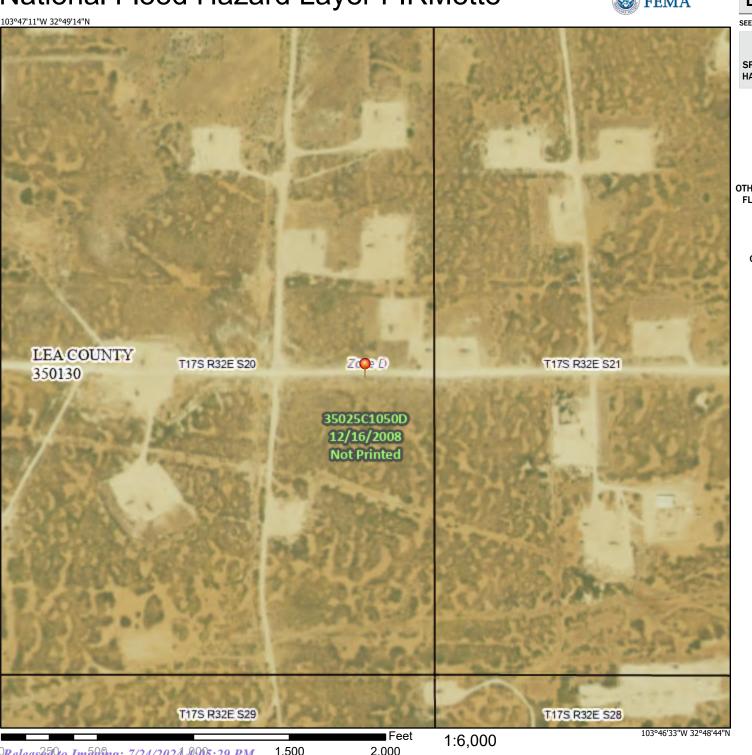
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



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 9/20/2022 at 1:01 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:

OCD Notification

Photographic Documentation

Subject: RE: [EXTERNAL] NAPP2113148964

Date: Monday, August 22, 2022 at 11:34:44 AM Central Daylight Time

From: Nobui, Jennifer, EMNRD

To: Chris Jones

CC: Bratcher, Mike, EMNRD, Hamlet, Robert, EMNRD, Harimon, Jocelyn, EMNRD

Attachments: image001.jpg

Chris

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.

Thanks,

Jennifer Nobui

From: Chris Jones <chris@paragonenvironmental.net>

Sent: Monday, August 22, 2022 10:31 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD

<Robert.Hamlet@state.nm.us>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@state.nm.us>; ocdonline, emnrd,

EMNRD <EMNRD.OCDOnline@state.nm.us>

Cc: Chad Hensley <chensley@spurenergy.com>; Braidy Moulder <bmoulder@spurenergy.com>; Angel Pena

<angel@paragonenvironmental.net> **Subject**: [EXTERNAL] NAPP2113148964

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

This is to inform you that Paragon will be obtaining confirmation samples in response to the rejected Closure Report from 5/4/22. We will be obtaining samples from surface to 4-feet BGS in each area that originally tested dirty. We will share the results once obtained and proceed to closure or address any contamination via dig and haul.

We will be obtaining these samples on 8-24-22 at app 0900.

Thank You,

Chris Jones Environmental Professional 1601 N. Turner Ste. 500 Hobbs, NM 88240 chris@paragonenvironmental.net



Angel Pena <angel@paragonenvironmental.net>

The Oil Conservation Division (OCD) has accepted the application, Application ID: 324077

<OCDOnline@state.nm.us>

Mon, Mar 18 at 9:27 AM

To: <angel@paragonenvironmental.net>

To whom it may concern (c/o Angel Pena for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2113148964.

The sampling event is expected to take place:

When: 03/20/2024 @ 09:00

Where: I-20-17S-32E 0 FNL 0 FEL (32.816418,-103.781059)

Additional Information: Jeremy Maner

575-602-4231

Additional Instructions: 32.816418,-103.781059

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

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

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505



Angel Pena <angel@paragonenvironmental.net>

The Oil Conservation Division (OCD) has accepted the application, Application ID: 338619

<OCDOnline@state.nm.us>

Mon, Apr 29 at 1:17 PM

To: <angel@paragonenvironmental.net>

To whom it may concern (c/o Angel Pena for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2113148964.

The sampling event is expected to take place:

When: 05/02/2024 @ 08:00

Where: I-20-17S-32E 0 FNL 0 FEL (32.816418,-103.781059)

Additional Information: Jeremy Maner

575-602-4231

Additional Instructions: 32.816418,-103.781059

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

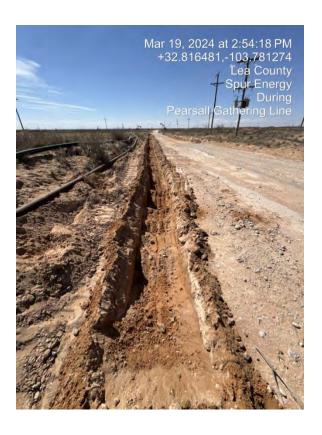
 Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

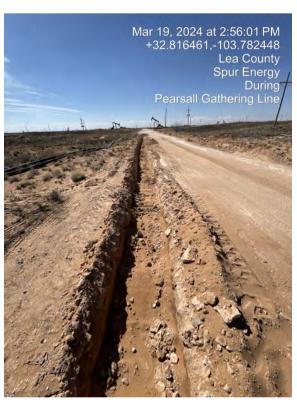
If you have any questions regarding this application, or don't know why you have received this email, please contact us.

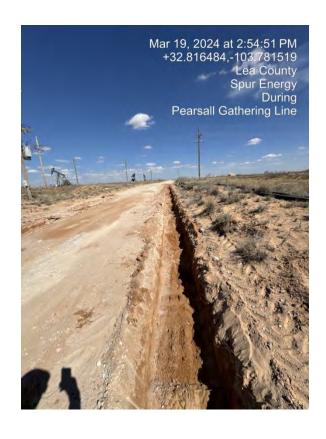
New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505

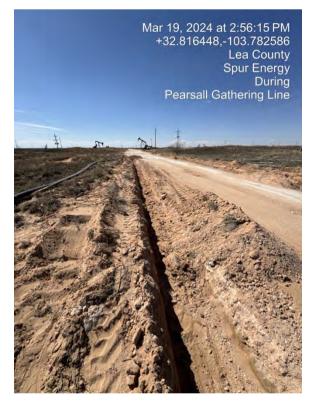


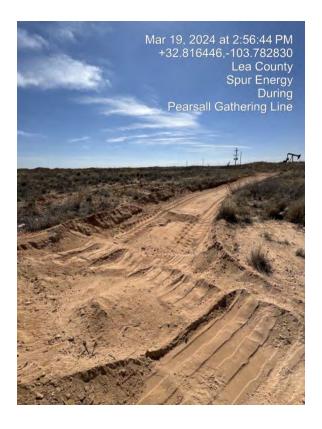
Photographic Documentation Excavation

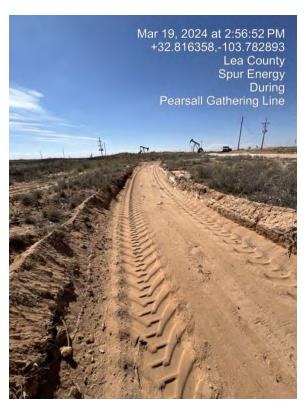


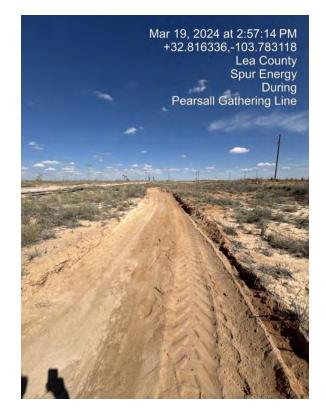






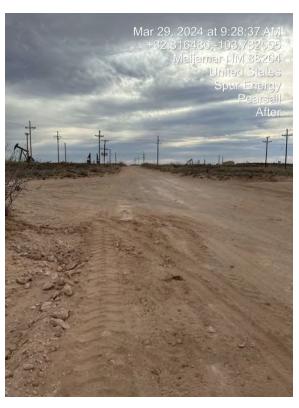




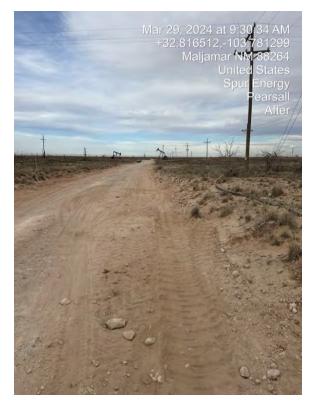


Completed















Appendix D:

Laboratory Results



August 26, 2022

CHRIS JONES
PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS, NM 88242

RE: PEARSALL SWD GATHERING LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/25/22 8:10.

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

Cardinal Laboratories is accreditated 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)

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



08/24/2022

Soil

Analytical Results For:

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

Received: 08/25/2022 Sampling Date:
Reported: 08/26/2022 Sampling Type:

Reported: 08/26/2022 Sampling Type:
Project Name: PEARSALL SWD GATHERING LINE Sampling Condition:

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: SPUR ENERGY Sample Received By: Tamara Oldaker

A I J D. ... 711

Project Location: EDDY COUNTY

Sample ID: S - 1 0-6" (H223905-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	75.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	75.3	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

PEARSALL SWD GATHERING LINE

ma/ka

Project Name: PEARSALL SWD
Project Number: SPUR ENERGY
Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 1 1' (H223905-02)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	79.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.8	% 46.3-17	8						

Applyzod By: 14

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Celey D. Keine



Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

08/26/2022 PEARSALL SWD GATHERING LINE

Project Name: PEARSALL SWE
Project Number: SPUR ENERGY
Project Location: EDDY COUNTY

mg/kg

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 1 2' (H223905-03)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	78.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.5	% 46.3-17	8						

Analyzed By: JH

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Celey D. Keine



Analytical Results For:

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

Received: 08/25/2022 Reported:

Sampling Date: 08/24/2022 08/26/2022 Sampling Type: Soil

Sampling Condition:

Sample Received By:

Project Name: PEARSALL SWD GATHERING LINE Project Number: SPUR ENERGY

Project Location: **EDDY COUNTY** Cool & Intact Tamara Oldaker

Sample ID: S - 1 3' (H223905-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.35	
Toluene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	9.68	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.00	99.9	2.00	9.37	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.19	103	6.00	9.32	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	80.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	80.4	% 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

PEARSALL SWD GATHERING LINE

Project Name: Project Number: SPUR ENERGY Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 1 4' (H223905-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	80.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.8 9	% 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

Project Name: PEARSALL SWD GATHERING LINE

Project Number: SPUR ENERGY

Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 2 0-6" (H223905-06)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	81.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	79.3	% 46.3-17	8						

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Celey D. Keene



08/24/2022

Tamara Oldaker

Analytical Results For:

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

Received: 08/25/2022 Reported:

08/26/2022 Sampling Type:

Project Name: Project Number: SPUR ENERGY

Project Location: **EDDY COUNTY**

Soil PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Sample ID: S - 2 1' (H223905-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	94.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	78						

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

08/26/2022

Project Name: PEARSALL SWD
Project Number: SPUR ENERGY
Project Location: EDDY COUNTY

PEARSALL SWD GATHERING LINE

mg/kg

Sample ID: S - 2 2' (H223905-08)

BTEX 8021B

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	85.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	84.6	% 46.3-17	8						

Analyzed By: JH

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

PEARSALL SWD GATHERING LINE

ma/ka

Project Name: PEARSALL SWE
Project Number: SPUR ENERGY

Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 2 3' (H223905-09)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	82.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	81.3	% 46.3-17	8						

Applyzod By: 14

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

08/26/2022 PEARSALL SWD GATHERING LINE

Project Name: PEARSALL SWD
Project Number: SPUR ENERGY

Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 2 4' (H223905-10)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	77.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.3	% 46.3-17	<i>'</i> 8						

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08/24/2022

Soil

Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

08/25/2022 Sampling Date: 08/26/2022 Sampling Type:

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: SPUR ENERGY Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY

Sample ID: S - 3 0-6" (H223905-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	114	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/25/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	76.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	76.1	% 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022 Sampling Date: 08/24/2022 Sampling Type:

Soil

Project Name:

PEARSALL SWD GATHERING LINE

Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

Project Number: SPUR ENERGY Project Location: **EDDY COUNTY**

Sample ID: S - 3 1' REFUSAL (H223905-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	195	97.5	200	2.22	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	183	91.3	200	3.66	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	79.4	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	78.0	% 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

PEARSALL SWD GATHERING LINE

Project Name: PEARSALL SWD
Project Number: SPUR ENERGY
Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 4 0-6" (H223905-13)

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	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	86.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102	% 46.3-17	78						

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

08/26/2022 PEARSALL SWD GATHERING LINE

ma/ka

Project Name: PEARSALL SWD
Project Number: SPUR ENERGY

Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 4 1' (H223905-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
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	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	79.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.2	% 46.3-17	<i>'8</i>						

Applyzod By: 14

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08/24/2022

Cool & Intact

Tamara Oldaker

Soil

Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

08/25/2022Sampling Date:08/26/2022Sampling Type:PEARSALL SWD GATHERING LINESampling Condition:

Sample Received By:

Project Name: PEARSALL SWD (
Project Number: SPUR ENERGY

Project Location: EDDY COUNTY

Sample ID: S - 4 2' (H223905-15)

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	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
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	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	94.0	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	113	% 46.3-17	8						

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08/24/2022

Soil

Analytical Results For:

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

Received: 08/25/2022 Sampling Date:
Reported: 08/26/2022 Sampling Type:

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: SPUR ENERGY Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY

Sample ID: S - 4 3' REFUSAL (H223905-16)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	< 0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	98.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	116	% 46.3-17	78						

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Analytical Results For:

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

Received: 08/25/2022 Reported:

08/26/2022 PEARSALL SWD GATHERING LINE

Project Name: Project Number: SPUR ENERGY

Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 5 0-6" (H223905-17)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	91.1	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106 9	6 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported:

08/26/2022 PEARSALL SWD GATHERING LINE

Project Name: Project Number: SPUR ENERGY

Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 5 1' (H223905-18)

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	69.9-14	0						
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	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	94.2	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	6 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

Project Name: PEARSALL SWD GATHERING LINE

Project Number: SPUR ENERGY

Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 5 2' (H223905-19)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	90.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	106	% 46.3-17	78						

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

ma/ka

08/26/2022 PEARSALL SWD GATHERING LINE

Project Number: SPUR ENERGY

Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 5 3' (H223905-20)

Project Name:

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
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	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111	% 46.3-17	78						

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Analytical Results For:

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

Received: 08/25/2022 Reported:

08/26/2022 PEARSALL SWD GATHERING LINE

Project Name: Project Number: SPUR ENERGY

Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 5 4' (H223905-21)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	108 %	6 45.3-16	1						
Surrogate: 1-Chlorooctadecane	127 %	6 46.3-17	8						

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Celey D. Keine



Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

PEARSALL SWD GATHERING LINE

Project Number: SPUR ENERGY Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 6 0-6" (H223905-22)

Project Name:

BTEX 8021B	mg/kg		Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	92.2 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	6 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

PEARSALL SWD GATHERING LINE

ma/ka

Project Name: PEARSALL SWD
Project Number: SPUR ENERGY
Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 6 1' (H223905-23)

RTFY 8021R

QC RPD Qualifier 7.54 7.06 9.51 9.65
7.06 9.51
9.51
9.65
QC RPD Qualifier
7.69
QC RPD Qualifier
0.461
0.334
_

Applyzod By: 14

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

08/26/2022

Project Name: PEARSALL SWD GATHERING LINE
Project Number: SPUR ENERGY

Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 6 2' (H223905-24)

BTEX 8021B	mg/kg		Analyze	Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	1.98	98.8	2.00	7.54	
Toluene*	<0.050	0.050	08/25/2022	ND	2.14	107	2.00	7.06	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	2.10	105	2.00	9.51	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.54	109	6.00	9.65	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	202	101	200	0.461	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	217	108	200	0.334	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	95.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111	% 46.3-17	78						

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

PEARSALL SWD GATHERING LINE

Project Number: SPUR ENERGY Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 6 3' (H223905-25)

Project Name:

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/25/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/25/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	110 9	6 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

PEARSALL SWD GATHERING LINE

Project Name: Project Number: SPUR ENERGY Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 6 4' (H223905-26)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	101 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

PEARSALL SWD GATHERING LINE

Project Name: Project Number: SPUR ENERGY Project Location: **EDDY COUNTY**

Sampling Type:

Sampling Date:

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

08/24/2022

Soil

Sample ID: S - 7 0-6" (H223905-27)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	92.5	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	98.2	% 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported:

08/26/2022 PEARSALL SWD GATHERING LINE

Project Name: Project Number: SPUR ENERGY

Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 7 1' (H223905-28)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	102 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported:

08/26/2022 PEARSALL SWD GATHERING LINE

Project Name: Project Number: SPUR ENERGY

Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 7 2' (H223905-29)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	104 9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	111 9	6 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

08/26/2022 Sampling Type: S

Project Name: PEARSALL SWD GATHERING LINE
Project Number: SPUR ENERGY

ma/ka

Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By:

Tamara Oldaker

Sample ID: S - 7 3' (H223905-30)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	90.6	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	95.0	% 46.3-17	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

Project Name: PEARSALL SWD GATHERING LINE

Project Number: SPUR ENERGY Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 7 4' (H223905-31)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	102 %	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	108 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported:

08/26/2022 PEARSALL SWD GATHERING LINE

Project Name: Project Number: SPUR ENERGY

Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 8 0-6" (H223905-32)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 %	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	98.9	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	107 9	% 46.3-17	8						

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Analytical Results For:

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

Received: 08/25/2022 Reported:

08/26/2022

Project Name: PEARSALL SWD GATHERING LINE Project Number: SPUR ENERGY

Project Location: **EDDY COUNTY** Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: S - 8 1' (H223905-33)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	69.9-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/25/2022	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	88.7	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	91.4	26 46.3-17	8						

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Celey D. Keene



Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

08/26/2022 PEARSALL SWD GATHERING LINE

ma/ka

Project Name: PEARSALL SWD G/ Project Number: SPUR ENERGY

Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 8 2' (H223905-34)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/25/2022	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	101	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	105	% 46.3-17	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 08/25/2022 Reported: 08/26/2022

08/26/2022 PEARSALL SWD GATHERING LINE

ma/ka

Project Name: PEARSALL SWD
Project Number: SPUR ENERGY

Project Location: EDDY COUNTY

Sampling Date: 08/24/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 8 3' (H223905-35)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/25/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	123	% 46.3-17	8						

Applyzod By: 1H /

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Analytical Results For:

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

Received: 08/25/2022 Sampling Date: 08/24/2022

Reported: 08/26/2022 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: SPUR ENERGY Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: EDDY COUNTY

ma/ka

Sample ID: S - 8 4' (H223905-36)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2022	ND	2.04	102	2.00	7.63	
Toluene*	<0.050	0.050	08/25/2022	ND	2.01	100	2.00	6.96	
Ethylbenzene*	<0.050	0.050	08/25/2022	ND	1.95	97.5	2.00	7.72	
Total Xylenes*	<0.150	0.150	08/25/2022	ND	6.08	101	6.00	7.82	
Total BTEX	<0.300	0.300	08/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/25/2022	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2022	ND	204	102	200	0.986	
DRO >C10-C28*	<10.0	10.0	08/26/2022	ND	212	106	200	5.15	
EXT DRO >C28-C36	<10.0	10.0	08/26/2022	ND					
Surrogate: 1-Chlorooctane	110	% 45.3-16	1						
Surrogate: 1-Chlorooctadecane	118	% 46.3-17	<i>'8</i>						

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keene



let 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: P	Company Name: Paragon Environmental Project Manager: Chris Jones		P.O.#:		ANALYSIS REQUEST
Address: 225 Billy	Silly Walker Rd		Company: SPUR		
0	State: NM	M Zip: 88240	E	tex	
*			Address:		
	Project Owner:	mer: SPUR	City:		
Project Name:	Parsell SIMD Ballowing	s Line	State: Zip:		
Project Location:	str.	_	Phone #:		
Sampler Name:	Jovenic Wardy		Fax #:		
FOR LAB USE ONLY	1	MATRIX	PRESERV. SAMPLING	£,	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TPH Exe BTEX Chloride	
- 5	5-1 G-6"			-	
2 5			8 24		
1	. 1 2		824		
41			-		
5	4		0 74		
600	2 06		X 74		
0	2		200		
9			12 2		
Washington Company	(b) S.2. 4) as a script labelly and Commons. Conford's labelly and closely accoluting symmetry by any color antifug whether	dy for any claim anting whother based in contr	based in content or for shall be limited to the amount paid by the disn't for the	d by the client for the	
enalyses. All claims including the service. In regality that Cardin	ny other o	rall be deemed welved unless made in writing a cluding without limitation, business interruption	and regalved by Cardinal within 30 days with ne, loss of use, or loss of profits incurred by	er completion of the applicable plant, its subsidiaries.	
Relinquished By:	ad of or maked to the performance of services hereuse.	Charles here the received by: Date: 25-27 Received by: Time: 810 MUUNA MAAAA	ra Malaksic	Phone Result:	Add'l Phone #: Add'l Fax #:
Relinquished By:	Date:	Received By:		Email Results	s to Chris Jones
Delivered By: (Circle One)	(Circle One)	0.06 Sample Condition	dition CHECKED BY:		

CHAIN-DE-CIISTODY AND ANALYS	アル十つア	
LYSIS REQUEST		

(3)	2/3/ 383-2320 FMA (3/3/ 303-24	10		
ompany Name:	ompany Name: Paragon Environmental		BILL TO	MANITOIO NEGOTO:
roject Manager:		P.O. 养		
ddress:		Company: S	1000	
lty: Hobbs	State:	e: Zip: Attn: Brade	4 Wolder	
hone #:	Fax#:	Address:		
roject#:	Proje	Project Owner: SPWC City:		
rolect Name: PLANSEN SUID	an has	Live State:	Zip:	
roject Location:	Eddy Con			
ampler Name:	Je crewin	Fax#:		
FOR LAB USE ONLY	4	MATRIX PRESERV.		25
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TPH E	Chlorid
=	5.3 0.6		12.8	
2	S.L O.L. HERWALL			
14	2.4 1.		8/24	
15	5.4 7			
16	5-4 3 Dellusa		17.18	
17	06		76 8	
00	2.5.		-	
2	A C		8 24 11	
LEASE NOTE: Liability and Dama naiyses. All claims including those envice. In no eventifical Cardinal I	d Damages. Cardinal's liability and client's exclu- g those for negligance and any other cause wire rdingli be liable for incidental or consequental de	hall be lim d by Cardi se, or loss	lied to the amount paid by the client for the nat within 30 days effer completion of the applicable of profile incurred by client, its subsidiaries,	
Relinquished By:	By: On the performance of service and the performance of service by:	Section of services harmonic by Continue, regardings of whether such damin a dated upon any or an accordance of Section 2012. Recolved By:	Phone Result: Yes Fax Result: Yes REMARKS:	□ No Add'I Phons #: □ No Add'I Fax #:
Relinquished By:	(Date: Received By:	Email results	july to Chros Jones
Delivered By:	Delivered By: (Circle One)	Sample Condition CHECKED BY: Cool Infact (Initials) Cool Infact (Initials)	ED BY:	
	1	L	,	

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

omnany Name: Doro	Company Name: Darragon Environmental		BILL TO			ANALYSIS REQUEST
Project Manager:			P.O. #			
Address:			Company: 5 Pull			
city: Hobbs	State:	Zip:	Attn: Brady Mol	der		
on I	Fax #:		Address:			
Project #:	Project C	Project Owner: SPUZ	City:		_	
Project Name: Done	ANTENDAMENT OLIS III	Line	State: Zip:			
on: E	5 1		Phone #:		_	
1	-				5	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING		de	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	TPH EX	Chloric	
71 55	F.		70 8	-	-	
228.6	0.6.		0 24		-	
3556	9		200			
100 V. O.	nar					
1.5/2	7		8 24			
1.5 CB	0.6		22			
25.2	1.		1			
5.5 CE	4		_			
PLEASE NOTE: Liability and Damages	0 8300	A S A S A S A S A S A S A S A S	The control of the co	d by the client for the rounglesion of the applic	abio	
eracyces. At delinis including those for neighbrose and any once service. In no send shall Coedinate be listed for included or consessing finding out of or related to the performance Relinquished By:	r consequent	age, including without irrelation, business interruptions, loss of use, or loss of profits incurred by client, its substitutions network to Continue, regardless of whether such delim is based upon any of the above dated reports of Chennies. Received By: Received By: REMARKS:	tion, business interruptions, loss of use, or loss of profits incurred by deser of whether such daim is based upon any of the above stated as red By:	phone or otherwise. Phone Result: Fax Result: REMARKS:	□ Yes □ No	Add'i Phone #: Add'i Fax #:
Relinquished By:	Date:	Received By:	The Manual of	Ema	l results t	Email results to Chros James
			The second secon			

Page 41 of 42

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Laboratories

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Sampler Name: Project #: Project Manager: Company Name: Paragon Environmental Project Location: Project Name: Phone #: Address: Relinquished By: Sampler - UPS - Bus - Other: Lab I.D. Delivered By: (Circle One) Hobbs (575) 393-2326 FAX (575) 393-2476 Pearson Swy Cathering Love Eddy Sample I.D. Fax #: Project Owner: State: Time: Date: Time: Ca Zip #13 (G)RAB OR (C)OMP # CONTAINERS GROUNDWATER unises made in writing and received by Cardinal within 30 days affer completion of the op n, business interruptions, loss of use, or loss of profile incumed by client, its subsideries. Cool Intact
Yes 7 Yes WASTEWATER Sample Condition MATRIX SOIL OIL SLUDGE State: City: P.O. #: Address: Attn: Bracky Wolder Company: Fax #: Phone #: OTHER: ACID/BASE: PRESERV ICE / COOL CHECKED BY: BILL TO OTHER: SPUR Zip DATE SAMPLING 7 amount paid by the client for the 至 7 1 7 TIME Email results to Chris Jones TPH Ext BTEX ☐ Yes Chlorides ON O ANALYSIS REQUEST Add'I Phone :

Page 42 of 42



April 02, 2024

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

RE: PEARSALL SWD GATHERING LINE

Enclosed are the results of analyses for samples received by the laboratory on 03/21/24 11:27.

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

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

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

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

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

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NSW - 1 1'	H241482-01	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 2 1'	H241482-02	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 3 1'	H241482-03	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 4 1'	H241482-04	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 5 1'	H241482-05	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 6 1'	H241482-06	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 7 1'	H241482-07	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 8 1'	H241482-08	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 9 1'	H241482-09	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 10 1'	H241482-10	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 11 1'	H241482-11	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 12 1'	H241482-12	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 13 1'	H241482-13	Soil	20-Mar-24 00:00	21-Mar-24 11:27
NSW - 14 1'	H241482-14	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 1 1'	H241482-15	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 2 1'	H241482-16	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 3 1'	H241482-17	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 4 1'	H241482-18	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 5 1'	H241482-19	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 6 1'	H241482-20	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 7 1'	H241482-21	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 8 1'	H241482-22	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 9 1'	H241482-23	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 10 1'	H241482-24	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 11 1'	H241482-25	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 12 1'	H241482-26	Soil	20-Mar-24 00:00	21-Mar-24 11:27
SSW - 13 1'	H241482-27	Soil	20-Mar-24 00:00	21-Mar-24 11:27

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240		Project: Project Number: Project Manager: Fax To:		Reported: 02-Apr-24 15:31
SSW - 14 1'	H241482-28	Soil	20-Mar-24 00:00	21-Mar-24 11:27
ESW - 1 1'	H241482-29	Soil	20-Mar-24 00:00	21-Mar-24 11:27
ESW - 2 1'	H241482-30	Soil	20-Mar-24 00:00	21-Mar-24 11:27
ESW - 3 1'	H241482-31	Soil	20-Mar-24 00:00	21-Mar-24 11:27
WSW - 1 1'	H241482-32	Soil	20-Mar-24 00:00	21-Mar-24 11:27
WSW - 2 1'	H241482-33	Soil	20-Mar-24 00:00	21-Mar-24 11:27
WSW - 3 1'	H241482-34	Soil	20-Mar-24 00:00	21-Mar-24 11:27
S - 1 1'	H241482-35	Soil	20-Mar-24 00:00	21-Mar-24 11:27
S - 2 1'	H241482-36	Soil	20-Mar-24 00:00	21-Mar-24 11:27
S - 3 1'	H241482-37	Soil	20-Mar-24 00:00	21-Mar-24 11:27
S - 4 1'	H241482-38	Soil	20-Mar-24 00:00	21-Mar-24 11:27
S - 5 1'	H241482-39	Soil	20-Mar-24 00:00	21-Mar-24 11:27
S-6 1'	H241482-40	Soil	20-Mar-24 00:00	21-Mar-24 11:27
S - 7 1'	H241482-41	Soil	20-Mar-24 00:00	21-Mar-24 11:27
S-8 1'	H241482-42	Soil	20-Mar-24 00:00	21-Mar-24 11:27
S - 9 1'	H241482-43	Soil	20-Mar-24 00:00	21-Mar-24 11:27

04/02/24 - Client added BTEX and TPH on 03/27/24 (see COC). This is the revised report and will replace the one sent on 03/27/24.

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 1 1' H241482-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	ЈН	27-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	27-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	ЈН	27-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	ЈН	27-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	27-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		103 %	71.5	-134	4032733	ЈН	27-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			80.7 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			75.5 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 2 1' H241482-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JН	27-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JН	27-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JН	27-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JН	27-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	27-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		104 %	71.5	-134	4032733	JH	27-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			70.9 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			65.6 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celey D. Keine



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 3 1' H241482-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		104 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	11.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			81.5 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			75.5 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 4 1' H241482-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		103 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			88.7 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			81.5 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celeg D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 5 1' H241482-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds by H	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5	-134	4032733	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by GC 1	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			81.4 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			74.9 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 6 1' H241482-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		102 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	17.3		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	17.1		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			89.3 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			83.4 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celeg D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 7 1' H241482-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		104 %	71.5	i-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			79.1 %	48.2	2-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			72.8 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 8 1' H241482-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		104 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane		·	81.5 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			75.7 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 9 1' H241482-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	PID)		103 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			76.5 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			70.1 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 10 1' H241482-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds I	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	1		103 %	71.5	-134	4032733	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	16.6		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	15.9		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			83.5 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			77.0 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 11 1' H241482-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		104 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			72.0 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			65.8 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Reported: 02-Apr-24 15:31

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

NSW - 12 1' H241482-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		103 %	71.5	-134	4032733	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			71.9 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			66.5 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 13 1' H241482-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		103 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			82.5 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			80.6 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

NSW - 14 1' H241482-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		103 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			76.4 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			72.6 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Reported: 02-Apr-24 15:31

Project Manager: CHRIS JONES

Fax To:

SSW - 1 1' H241482-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		103 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			82.3 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			76.9 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 2 1' H241482-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		103 %	71.5	i-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			84.5 %	48.2	2-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			79.1 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 3 1' H241482-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032520	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		105 %	71.5	-134	4032733	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			71.3 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			65.0 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 4 1' H241482-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	4032733	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			86.4 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			80.2 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 5 1' H241482-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032601	НМ	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		104 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			85.1 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			78.5 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 6 1' H241482-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032733	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032733	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	PID)		103 %	71.5	-134	4032733	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			85.0 %	48.2	-134	4032730	MS	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			79.5 %	49.1	-148	4032730	MS	28-Mar-24	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 7 1' H241482-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		115 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	17.6		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			87.8 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			94.1 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 8 1' H241482-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		115 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			85.1 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			89.6 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 9 1' H241482-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		111 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			90.2 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			95.0 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keine



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 10 1' H241482-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		114 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			71.7 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			73.8 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keine



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 11 1' H241482-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		115 %	71.5-	-134	4032734	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			93.1 %	48.2-	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			96.9 %	49.1-	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 12 1' H241482-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	ЈН	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		114 %	71.5	5-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			85.6 %	48.2	?-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			89.4 %	49.1	'-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 13 1' H241482-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		116 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			92.8 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			98.9 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keine



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

SSW - 14 1' H241482-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		114 %	71.5	-134	4032734	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			89.9 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			94.2 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

ESW - 1 1' H241482-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			114 %	71.5	-134	4032734	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			85.2 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			88.5 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

ESW - 2 1' H241482-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		114 %	71.5	i-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			86.8 %	48.2	2-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			90.4 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keine



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

ESW - 3 1' H241482-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		111 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			72.4 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			76.0 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

WSW - 1 1' H241482-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	16.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		114 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			91.0 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			95.7 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

WSW - 2 1' H241482-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5	-134	4032734	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			81.7 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			84.0 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

WSW - 3 1' H241482-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		114 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	38.6		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			86.5 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			93.1 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

S - 1 1' H241482-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		115 %	71.5	-134	4032734	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			80.5 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			87.2 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

S - 2 1' H241482-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		113 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			83.6 %	48.2	-134	4032731	ms	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			87.9 %	49.1	-148	4032731	ms	27-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

S - 3 1' H241482-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032601	HM	26-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	ЛН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		115 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			82.2 %	48.2-	-134	4032731	ms	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			85.7 %	49.1	-148	4032731	ms	28-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

S - 4 1' H241482-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	4032537	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	0)		113 %	71.5	-134	4032734	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			82.2 %	48.2	-134	4032731	ms	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			85.1 %	49.1	-148	4032731	ms	28-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

S - 5 1' H241482-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4032537	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		117 %	71.5	-134	4032734	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			85.6 %	48.2	-134	4032731	ms	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			86.4 %	49.1	-148	4032731	ms	28-Mar-24	8015B	

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Celey D. Keine



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

S - 6 1' H241482-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4032537	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032734	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032734	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		115 %	71.5	-134	4032734	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032731	ms	28-Mar-24	8015B	
Surrogate: 1-Chlorooctane			86.7 %	48.2	-134	4032731	ms	28-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			90.1 %	49.1	-148	4032731	ms	28-Mar-24	8015B	

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Celey D. Keine



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

S - 7 1' H241482-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	4032537	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		93.1 %	71.5	-134	4032729	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032732	MS	27-Mar-24	8015B	
DRO >C10-C28*	14.7		10.0	mg/kg	1	4032732	MS	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032732	MS	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane		·	80.8 %	48.2	-134	4032732	MS	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			83.1 %	49.1	-148	4032732	MS	27-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

S - 8 1' H241482-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4032537	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032729	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032729	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		93.3 %	71.5	-134	4032729	JH	28-Mar-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032732	MS	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032732	MS	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032732	MS	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			66.1 %	48.2	-134	4032732	MS	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			66.6 %	49.1	-148	4032732	MS	27-Mar-24	8015B	

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

S - 9 1' H241482-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	336		16.0	mg/kg	4	4032537	CT	25-Mar-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4032729	JН	28-Mar-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4032729	JН	28-Mar-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4032729	JH	28-Mar-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			93.0 %	71.5	-134	4032729	ЈН	28-Mar-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4032732	MS	27-Mar-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4032732	MS	27-Mar-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4032732	MS	27-Mar-24	8015B	
Surrogate: 1-Chlorooctane			83.9 %	48.2	-134	4032732	MS	27-Mar-24	8015B	
Surrogate: 1-Chlorooctadecane			83.1 %	49.1	-148	4032732	MS	27-Mar-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Reported: 02-Apr-24 15:31

Project Manager: CHRIS JONES

Fax To:

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4032520 - 1:4 DI Water										
Blank (4032520-BLK1)				Prepared &	: Analyzed:	25-Mar-24				
Chloride	ND	16.0	mg/kg							
LCS (4032520-BS1)				Prepared &	Analyzed:	25-Mar-24				
Chloride	464	16.0	mg/kg	400		116	80-120			
LCS Dup (4032520-BSD1)				Prepared &	Analyzed:	25-Mar-24				
Chloride	448	16.0	mg/kg	400		112	80-120	3.51	20	
Batch 4032537 - 1:4 DI Water										
Blank (4032537-BLK1)				Prepared &	Analyzed:	25-Mar-24				
Chloride	ND	16.0	mg/kg							
LCS (4032537-BS1)				Prepared &	Analyzed:	25-Mar-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4032537-BSD1)				Prepared &	: Analyzed:	25-Mar-24				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 4032601 - 1:4 DI Water										
Blank (4032601-BLK1)				Prepared &	: Analyzed:	26-Mar-24				
Chloride	ND	16.0	mg/kg							
LCS (4032601-BS1)				Prepared &	: Analyzed:	26-Mar-24				
Chloride	432	16.0	mg/kg	400		108	80-120			

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

NONE CIVEN

Project Number: NONE GIVEN
Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 4032601 - 1:4 DI Water

LCS Dup (4032601-BSD1)	Prepared & Analyzed: 26-Mar-24								
Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	

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Celey D. Keene



%PEC

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Project: PEARSALL SWD GATHERING LINE

Reported:

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Snika

Fax To:

02-Apr-24 15:31

DDD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4032729 - Volatiles										
Blank (4032729-BLK1)				Prepared: 2	27-Mar-24 <i>A</i>	Analyzed: 2	8-Mar-24			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		94.0	71.5-134			
LCS (4032729-BS1)				Prepared: 2	27-Mar-24 A	Analyzed: 2	8-Mar-24			
Benzene	2.15	0.050	mg/kg	2.00		108	82.8-130			
Toluene	2.10	0.050	mg/kg	2.00		105	86-128			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	85.9-128			
n,p-Xylene	3.95	0.100	mg/kg	4.00		98.9	89-129			
o-Xylene	1.99	0.050	mg/kg	2.00		99.6	86.1-125			
Total Xylenes	5.95	0.150	mg/kg	6.00		99.1	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0464		mg/kg	0.0500		92.8	71.5-134			
LCS Dup (4032729-BSD1)				Prepared: 2	27-Mar-24 A	Analyzed: 2	8-Mar-24			
Benzene	2.24	0.050	mg/kg	2.00		112	82.8-130	4.29	15.8	
Coluene	2.20	0.050	mg/kg	2.00		110	86-128	4.59	15.9	
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	85.9-128	4.65	16	
n,p-Xylene	4.13	0.100	mg/kg	4.00		103	89-129	4.46	16.2	
p-Xylene	2.08	0.050	mg/kg	2.00		104	86.1-125	4.43	16.7	
Total Xylenes	6.22	0.150	mg/kg	6.00		104	88.2-128	4.45	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0461		mg/kg	0.0500		92.3	71.5-134			

Blank (4032733-BLK1)			Prepared & Analyzed: 27-Mar-24
Benzene	ND	0.050	mg/kg
Toluene	ND	0.050	mg/kg
Ethylbenzene	ND	0.050	mg/kg
Total Xylenes	ND	0.150	mg/kg

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Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

LANGALL SWID GATTLENI

Source

Project Number: NONE GIVEN
Project Manager: CHRIS JONES

Spike

Fax To:

Reported: 02-Apr-24 15:31

RPD

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4032733 - Volatiles										
Blank (4032733-BLK1)				Prepared &	Analyzed:	27-Mar-24	ŀ			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	71.5-134			
LCS (4032733-BS1)				Prepared &	z Analyzed:	27-Mar-24	ļ			
Benzene	2.17	0.050	mg/kg	2.00		108	82.8-130			
Toluene	2.16	0.050	mg/kg	2.00		108	86-128			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	85.9-128			
m,p-Xylene	4.31	0.100	mg/kg	4.00		108	89-129			
o-Xylene	2.09	0.050	mg/kg	2.00		104	86.1-125			
Total Xylenes	6.40	0.150	mg/kg	6.00		107	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0512		mg/kg	0.0500		102	71.5-134			
LCS Dup (4032733-BSD1)				Prepared &	Analyzed:	27-Mar-24	ļ			
Benzene	2.21	0.050	mg/kg	2.00		111	82.8-130	2.22	15.8	
Toluene	2.20	0.050	mg/kg	2.00		110	86-128	1.66	15.9	
Ethylbenzene	2.15	0.050	mg/kg	2.00		108	85.9-128	1.71	16	
m,p-Xylene	4.39	0.100	mg/kg	4.00		110	89-129	1.65	16.2	
o-Xylene	2.12	0.050	mg/kg	2.00		106	86.1-125	1.71	16.7	
Total Xylenes	6.51	0.150	mg/kg	6.00		108	88.2-128	1.67	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0511		mg/kg	0.0500		102	71.5-134			
Batch 4032734 - Volatiles										
Blank (4032734-BLK1)				Prepared: 2	27-Mar-24	Analyzed: 2	28-Mar-24			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	ma/ka							

Blank (4032734-BLK1)				Prepared: 27-Mar-	24 Analyzed: 2	28-Mar-24	
Benzene	ND	0.050	mg/kg				
Toluene	ND	0.050	mg/kg				
Ethylbenzene	ND	0.050	mg/kg				
Total Xylenes	ND	0.150	mg/kg				
Total BTEX	ND	0.300	mg/kg				
Surrogate: 4-Bromofluorobenzene (PID)	0.0562		mg/kg	0.0500	112	71.5-134	

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Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Spike

Source

Reported: 02-Apr-24 15:31

RPD

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Fax To:

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4032734 - Volatiles										
LCS (4032734-BS1)				Prepared &	Analyzed:	27-Mar-24	ŀ			
Benzene	1.93	0.050	mg/kg	2.00		96.4	82.8-130			
Toluene	2.07	0.050	mg/kg	2.00		104	86-128			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	85.9-128			
m,p-Xylene	4.22	0.100	mg/kg	4.00		106	89-129			
o-Xylene	2.07	0.050	mg/kg	2.00		103	86.1-125			
Total Xylenes	6.29	0.150	mg/kg	6.00		105	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0556		mg/kg	0.0500		111	71.5-134			
LCS Dup (4032734-BSD1)				Prepared: 2	7-Mar-24 A	Analyzed: 2	28-Mar-24			
Benzene	1.90	0.050	mg/kg	2.00		95.0	82.8-130	1.54	15.8	
Toluene	2.05	0.050	mg/kg	2.00		103	86-128	0.986	15.9	
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	85.9-128	1.53	16	
m,p-Xylene	4.14	0.100	mg/kg	4.00		104	89-129	1.87	16.2	
o-Xylene	2.04	0.050	mg/kg	2.00		102	86.1-125	1.27	16.7	
Total Xylenes	6.18	0.150	mg/kg	6.00		103	88.2-128	1.67	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0528		mg/kg	0.0500		106	71.5-134			

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Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Project: PEARSALL SWD GATHERING LINE

Reported: 02-Apr-24 15:31

Project Number: NONE GIVEN Project Manager: CHRIS JONES

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4032730 - General Prep - Organics										
Blank (4032730-BLK1)				Prepared: 2	27-Mar-24 <i>A</i>	Analyzed: 2	28-Mar-24			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	46.2		mg/kg	50.0		92.3	48.2-134			
Surrogate: 1-Chlorooctadecane	44.1		mg/kg	50.0		88.2	49.1-148			
LCS (4032730-BS1)				Prepared: 2	27-Mar-24 <i>A</i>	Analyzed: 2	28-Mar-24			
GRO C6-C10	189	10.0	mg/kg	200		94.6	66.4-123			
DRO >C10-C28	183	10.0	mg/kg	200		91.6	66.5-118			
Total TPH C6-C28	372	10.0	mg/kg	400		93.1	77.6-123			
Surrogate: 1-Chlorooctane	49.3		mg/kg	50.0		98.6	48.2-134			
Surrogate: 1-Chlorooctadecane	50.9		mg/kg	50.0		102	49.1-148			
LCS Dup (4032730-BSD1)				Prepared: 2	27-Mar-24 A	Analyzed: 2	28-Mar-24			
GRO C6-C10	183	10.0	mg/kg	200		91.6	66.4-123	3.16	17.7	
DRO >C10-C28	178	10.0	mg/kg	200		88.9	66.5-118	2.97	21	
Total TPH C6-C28	361	10.0	mg/kg	400		90.3	77.6-123	3.07	18.5	
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.8	48.2-134			
Surrogate: 1-Chlorooctadecane	48.0		mg/kg	50.0		96.1	49.1-148			
Batch 4032731 - General Prep - Organics										
Blank (4032731-BLK1)				Prepared &	z Analyzed:	27-Mar-24	1			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.3		mg/kg	50.0		96.7	48.2-134			
Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	49.1-148			

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%REC

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240 Project: PEARSALL SWD GATHERING LINE

Reported: 02-Apr-24 15:31

RPD

Project Number: NONE GIVEN

Project Manager: CHRIS JONES

Spike

Source

Fax To:

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

		reporting		Брікс	Bource		/orch		ICI D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4032731 - General Prep - Organics										
LCS (4032731-BS1)				Prepared &	k Analyzed:	27-Mar-24	ŀ			
GRO C6-C10	239	10.0	mg/kg	200		120	66.4-123			
DRO >C10-C28	216	10.0	mg/kg	200		108	66.5-118			
Total TPH C6-C28	455	10.0	mg/kg	400		114	77.6-123			
Surrogate: 1-Chlorooctane	56.9		mg/kg	50.0		114	48.2-134			
Surrogate: 1-Chlorooctadecane	62.4		mg/kg	50.0		125	49.1-148			
LCS Dup (4032731-BSD1)				Prepared &	k Analyzed:	27-Mar-24				
GRO C6-C10	221	10.0	mg/kg	200		111	66.4-123	7.80	17.7	
DRO >C10-C28	200	10.0	mg/kg	200		100	66.5-118	7.78	21	
Total TPH C6-C28	421	10.0	mg/kg	400		105	77.6-123	7.79	18.5	
Surrogate: 1-Chlorooctane	52.7		mg/kg	50.0		105	48.2-134			
Surrogate: 1-Chlorooctadecane	56.0		mg/kg	50.0		112	49.1-148			
Batch 4032732 - General Prep - Organics										
Blank (4032732-BLK1)				Prepared &	k Analyzed:	27-Mar-24	ļ			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	55.9		mg/kg	50.0		112	48.2-134			
Surrogate: 1-Chlorooctadecane	58.3		mg/kg	50.0		117	49.1-148			
LCS (4032732-BS1)				Prepared &	k Analyzed:	27-Mar-24	ļ			
GRO C6-C10	230	10.0	mg/kg	200		115	66.4-123			
DRO >C10-C28	232	10.0	mg/kg	200		116	66.5-118			
Total TPH C6-C28	462	10.0	mg/kg	400		115	77.6-123			
Surrogate: 1-Chlorooctane	63.2		mg/kg	50.0		126	48.2-134			
Surrogate: 1-Chlorooctadecane	68.1		mg/kg	50.0		136	49.1-148			

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%REC

Limits

49.1-148

RPD

Analytical Results For:

PARAGON ENVIROMENTAL 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Analyte

Surrogate: 1-Chlorooctadecane

Project: PEARSALL SWD GATHERING LINE

Project Number: NONE GIVEN

Spike

Level

50.0

Source

Result

%REC

Project Manager: CHRIS JONES

Fax To:

Reported: 02-Apr-24 15:31

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

60.2

Batch 4032732 - General Prep - Organics									
LCS Dup (4032732-BSD1)				Prepared & Ana	alyzed: 27-Mar-24	ı			
GRO C6-C10	214	10.0	mg/kg	200	107	66.4-123	6.99	17.7	
DRO >C10-C28	208	10.0	mg/kg	200	104	66.5-118	11.1	21	
Total TPH C6-C28	422	10.0	mg/kg	400	106	77.6-123	9.03	18.5	
Surrogate: 1-Chlorooctane	58.2		mg/kg	50.0	116	48.2-134			

mg/kg

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	" Faragori Environmental		BILL TO	9	ANIAI VOID DECLES	I
Project Manager:	er: Cason Spurlock				ANALISIS REGUESI	1
Address: 500	5002 Carriage Rd		Company: Salak	7		
city: Hobbs	State:	NM zip: 88242	Attn: Brank: Waldon			
Phone #: 575-631-6977	-631-6977 Fax #:		SS:			
Project #:	Project Owner:	mer: Spux	City:	1/3		
Project Name:	Penysell Swil Coetherine	in	State: Zip:	3/		
Project Location:	Les)		#			
Sampler Name:	Jevenny Manen		Fax#:	100		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING			
Lab I.D.	Sample I.D.	B OR (C)OMF ITAINERS INDWATER EWATER	BASE:	ovides OH an Tex au		
HZ41482		# COI	OTHE ACID/ ICE / C OTHE DATE	TIME		
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malyses. All claims including arrives. In no event shall Card filliates or successors arising.	Indiges, All claims (Including those for negligence and any other cause whatsoever shall be deepned by the claim arising whether based in contract or fort, shall be limited to the amount paid by the claim for the annual paid by the claim to the cavice. In no event shall Carcinate is lable for including and explained is lable for including an consequental demages, including without first fact, and includes the cavice and any other cause whatsoever shall be deepned water under small in writing and received by Cardinal within 30 days after competence of the applicable of the cavice and the cavice of	or phy claim arising whether based in contract or for book and or makes made in writing and recoiling without limitation, business interruptions, loss of the writing in countries of whether such a facilities of whether such a facilities.	r fort, shall be limited to the amount pall ecoived by Cerdinal within 30 days after so of eso, or lose of profits incurred by o	d by the client for the r completion of the applicable flent, its subaktionies,		
Relinquished By:	Date: Date: 27	Received By:	Mobbie	Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No REMARKS:	Add'l Phone #: Add'l Fax #:	
	Time:		(fb			
Delivered By: (Circle One)		# 140 Sample Condition	0			
Sampler - UPS - Bus - Other:	- 14.	Tyes Yes	(Initials)	Salad smart La Chart la	NALS.	

Page 56 of 60

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	Company Name: Paragon Environmental	nental	BILL TO		
Project Manag	Project Manager: Cason Spurlock				1
Address: 50	5002 Carriage Rd	The second secon	Company: Shur		
city: Hobbs		State: NM zip: 88242	Attn: Brades Wolder	24	
Phone #: 575-631-6977	-631-6977 Fax #:	·	SS:	7-,	
Project #:		Project Owner: Spay	City:		
Project Name:	Pearsall Swid Galharia	line.	State: Zip:		
Project Location:	Lea		*		
Sampler Name:	Develop Warrey		Fax #:		
FOR LAB USE ONLY		MATRIX.	PRESERV. SAMPLING	de	
Lab I.D.	Sample I.D.	AB OR (C)OMF NTAINERS UNDWATER TEWATER	ER: /BASE: COOL	PH au BLUX au	
//	NSW. II	# G V S	O O OA	IME	
17	NSW. 17 1	-	0000		
13	NSW - 13 1-				1
14	NSW-14 1.				
15	SSW - 1 1-				
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19	SSW. 5 -				
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PLEASE NOTE: Linbility and analyses. All claims including sorvice, in no event shall Carcullitates or successors arising	LAUSE NOTE: Liability and Damages, Cardinatra liability and clearts exclusionally and clearts exclusionally and another cleares what new control and envice, in no event shall Cardinate is above for incidentate or consequented and middlesses excesses assistent out of or related to the performance of services.	PLEASE NOTE: Liability and Damagos. Cardina's labelity and cleon'ts exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the anniunt paid by the client for the service. In no event shall Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including all introductions are consequential damages, including without firstation, business interruptions, based use, or loss of profits incurred by cleint, its activationies, in the services are consequential damages. The consequential damages are consequential damages and the services are consequential damages.	or tort, shall be limited to the amount paid by the second paid by the second part of the	by the client for the completion of the applicable entitle in the completion of the applicable entit is a standardise, one or prohombine.	
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y and a second	Time:	Received By:			
Delivered By: (Circle One)		O Samp	\neg		
Sampler - UPS -	Bus - Other:	14.0° Cool Miact	(Initials)	Sendemas results to Chris Jones	
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Page 57 of 60

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

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company wan	Company Name: Paragon Environmental	vironmental		BILL TO)	AMAIVO	- 4	
Project Manag	Project Manager: Cason Spurlock	ırlock		P.O.#		MINALIOIO	O KEGOESI	
Address: 50	5002 Carriage Rd	d		Company: Sauv	Y	7-2		-
city: Hobbs	S	State: NM	/ Zip: 88242			7		_
Phone #: 575	Phone #: 575-631-6977	Fax #:		SS		2		_
Project #:		Project Owner: Spay	er: Sour	City:	-2:	27-	_	_
Project Name:	Praysall SWID (Catherine Line			5.			
Project Location:	lea	4		Phone #		5		_
Sampler Name:	Devening Wanes	Arr		Tax #	led	<u>d</u>	_	_
FOR LAB USE ONLY	1		MATRIX	PRESERV. SAMPLING		de		
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EASE NOTE: Linbility and	ES W 2 Damages, Cardinal's liability and	client's exclusive remode for						
nalyses. All claims including invice. In no event shall Care lifeties or successors arising bell inquisihed By:	including those for negligence and any other t shall cardinat be liable for incidental or conse ours atising out of or related to the performance and BV:	client's exclusive remedy for a or cause whatsoever shall be requested demages, including sequental demages, including se of services hereumder by C	Talyses. All claims including those so three grounds and provided and clears exclusive terredy for any claim arising whether based in contract or text, shall be limited to the amount paid by the client for the vivide. In no event shall cardinal the liable for incidental or composition of the applicable flastes or successors arising out of or related to the performance of services biranchines, including which shall be based or the composition of the applicable of the services of the service	tort, shall be limited to the amount pal- realized by Cardinal within 30 days after a of use, or losa of profits incurred by o steed upon any of the above stated rea	by the client for the completion of the applicable field, its subsidiaries, sons or atherwise.			E
elinquished By:	Wee	Time 27	Received By:	-	ult: 🗆 Yes	□ No Add" Phone #:		
		Time:		,				
Delivered By: (Circle One)	(Circle One)	#	Sample Condition	CHECKED BY:				
ampier - OPO -	Bus - Omer:	-14.00	Yes Tyes	8	Send email to a	Alwas Jones		

Page 58 of 60

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	Faragon Environmental	vironmental		BILL TO	3		AMAI VOIC	70707	
Project Manager:	r: Cason Spurlock	rlock		P.O. 共		2.	CICIAMINA	KEWUESI	
Address: 5002	2 Carriage Rd	d		Company: Sauce		70	_	_	_
city: Hobbs	1	State: NM	/ Zip: 88242	Attn: Brades Into	No la la	/ -			_
Phone #: 575-	575-631-6977	Fax#:		-		24	_		_
Project #:		Project Owner:	ier: SDMV	City:		7-	_	_	_
Project Name:	PERVSALL SWID B	Catherine Line		State: Zip:		-2	_	_	
Project Location:	Lea			*		3	_	_	_
Sampler Name:	Devems waner	<		Fax #:		la	_	_	
FOR LAB USE ONLY			MATRIX	SERV.	SAMPLING	da			
Lab I.D.	Sample I.D.	J.D.	CONTAINERS ROUNDWATER ASTEWATER DIL L UDGE	THER: CID/BASE: E/COOL THER:	Chlorides	TPH adi BTEX as			
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FASE NOTE: 1248	2-6 1					(
talyses. All claims including the miss. All claims including the miss. All claims including the miss. In no event shall Cardinates or successors arising o	catality and Demages. Cardinal's fability and of including those for negligence and any other is including those for negligence and any other is shall Cardinal be liable for incidental or constant of the performance on attisting out of or related to the performance.	clioni's exclusive remedy for or couse whotscover shall be resequental damages, including ce of services herounder by (- CASE MY IET. LIDICATY AND DATINGUES, CARCINATY INDIRITY and clearly accessive remote for may claim arising whether based in contract or lost, shall be limited to the amount paid by the claim for the analyses. All claims including those for negligence and any other ceuse whatsoever shall be dontined waived unless made in writing and received by Cardinal within 30 days after completion of the applicable anvice. In no event shall Cardinal be hable for includental or consequential damages, including without similation, business interruptions, loss of use, or loss of profits incurred by Claim, its subsciences, and the contract of the	or tort, shall be limited to the amount put received by Cardinal within 30 days at loss of use, or loss of profits incurred by its based upon only of the above stated in	aid by the client for the ter completion of the application, its subsidiaries,	able			
Relinquished By:	No.		Received By:	Make	Phone Result: Fax Result: REMARKS:	□ Yes □ No	Add'l Phone #: Add'l Fax #:		
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Delivered By: (Circle One)	Circle One)	4140	#140 Sample Conditi	5)				
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Page 59 of 60

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	Company Name: Paragon Environmenta	I III	
Project Manage	Project Manager: Cason Spurlock	P.O. 共	ANALYSIS REQUEST
Address: 500	5002 Carriage Rd	Company: Salak	700
city: Hobbs	State: NM	Zip: 88242 Attn: 3	34
Phone #: 575-631-6977	631-6977 Fax #:	Address:	
Project #:	Project Owner:	SOLV	23
Project Name:	Pearsall SwD Ballyring La		5-3-
Project Location:	: Lea	*	0
Sampler Name:	Devening Warrey	TI DO NOT THE TIME TO THE TIME THE TIME TO THE TIM	lacelac
FOR LAB USE ONLY		MATRIX PRESERV	SAMPLING
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE DTHER: ACID/BASE: CE / COOL DTHER:	Chlorides TPH aa Bux aa
42		0:	++
43	\$.5 1'		
analyses, All claims Including to sorvice. In no event shall Cardi cardinalist or successors arising o Relinquished By:	to including those for negligence and any other cause visuals or investigation and any other cause whatever shall be that the shall cardinate to include for incidental or consequential damages, lectual scass atteined out of or related to the performance of services tensus the part of the performance of services tensus the part of the performance of services the pe	analyzes. All chalms Including those for negligance and any other cause whatevever shall be demand whether based in contract or lot, shall be limited to the annount paid by the client for the source. In no overst shall cardinat be liable for incidental or consequential damages, including without limitation, business index withing and received by Cardinal within 30 days after completion of the applicable officialise or successors atteind out for retained to the performance of services increased by Cardinal, regardless of whether such claim is based upon any of the above staffed mission or otherwise. Relinquished By: Cardinal Market Date: Cardinal Cardina	plicable
Relinquished By:	Time:	Received By:	□ Yes □
Delivered By: (Circle One) Sampler - UPS - Bus - Other	(Circle One) t	Sample Condition CHECKED BY: Cool Mitact (Initials) Yes Yes	Send small to Chris Jones.

Page 60 of 60



April 04, 2024

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

RE: PEARSALL SWD GATHERING LINE

Enclosed are the results of analyses for samples received by the laboratory on 03/28/24 14:02.

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

Cardinal Laboratories is accreditated 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)

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

mg/kg

Sample ID: NSW - 15 1' (H241635-01)

BTEX 8021B

DILX 6021D	ilig	/ Ng	Allalyze	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	229	115	200	4.88	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	235	117	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	87.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 16 1' (H241635-02)

BTEX 8021B

DIEX GOZID	ıııg,	K9	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	229	115	200	4.88	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	235	117	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 17 1' (H241635-03)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	229	115	200	4.88	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	235	117	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	92.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 18 1' (H241635-04)

BTEX 8021B

	9,9		·						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 % 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/01/2024	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	04/01/2024	ND	229	115	200	4.88	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	235	117	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.1	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 19 1' (H241635-05)

BTEX 8021B

	9/	9	71.14.1, = 0	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	229	115	200	4.88	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	235	117	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Fax To:

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 20 1' (H241635-06)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	229	115	200	4.88	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	235	117	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 21 1' (H241635-07)

BTEX 8021B

DILX GOZID	11197	ng .	Alldiyzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	229	115	200	4.88	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	235	117	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	85.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.3	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 22 1' (H241635-08)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	229	115	200	4.88	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	235	117	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

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Tamara Oldaker

Sample Received By:

Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil
Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact

Project Location: SPUR - LEA CO NM

NONE GIVEN

Sample ID: NSW - 23 1' (H241635-09)

Project Number:

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	86.3	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	85.5	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	96.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.2	% 49.1-14	18						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 24 1' (H241635-10)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	93.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 25 1' (H241635-11)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	2.83	
Toluene*	<0.050	0.050	04/02/2024	ND	2.14	107	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.09	105	2.00	3.40	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.34	106	6.00	3.28	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	80.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.6	% 49.1-14	8						

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Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Fax To:

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Applyzod By: 14

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 26 1' (H241635-12)

RTFY 8021R

BIEX 8021B	mg,	^и кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	11.6	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	10.4	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.0	% 49.1-14	8						

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Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Fax To:

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 15 1' (H241635-13)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	82.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.4	% 49.1-14	8						

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Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Fax To:

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 16 1' (H241635-14)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 17 1' (H241635-15)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	< 0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

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Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Fax To:

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Applyzod By: 14

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 18 1' (H241635-16)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/02/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	88.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 19 1' (H241635-17)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	< 0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 20 1' (H241635-18)

BTEX 8021B

	<u> </u>			• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/02/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 21 1' (H241635-19)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/02/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 22 1' (H241635-20)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/02/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	89.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.6	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: NONE GIVEN

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 23 1' (H241635-21)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/02/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	86.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.7	% 49.1-14	8						

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Analytical Results For:

PARAGON ENVIROMENTAL **CHRIS JONES** 1601 N TURNER ST., STE 500 HOBBS NM, 88240

Fax To:

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Applyzod By: 14

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 24 1' (H241635-22)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/02/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	36.3	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	34.4	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 25 1' (H241635-23)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/02/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	77.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.7	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 03/28/2024 Sampling Date: 03/20/2024

Reported: 04/04/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 26 1' (H241635-24)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	1.80	89.8	2.00	1.65	
Toluene*	<0.050	0.050	04/02/2024	ND	1.92	96.1	2.00	1.87	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	1.89	94.4	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	5.74	95.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/02/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/02/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	230	115	200	6.11	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	246	123	200	5.82	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					
Surrogate: 1-Chlorooctane	67.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	69.3	% 49.1-14	8						

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Celey D. Keine



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476 Company Name: Paragon Environmental

101 East Marland, Hobbs, NM 88240

Project Manager: Control	BILL TO	- 4
Cason Spuriock	PO#	ANALYSIS REQUEST
N	Company	
	State: NM Zip: 88242 Attn: Real Attn:	
Phone #: 5/5-631-6977 Fax #:		
	Project Owner: Souv	
Project Name: PERVSALL SWD Callering	State.	
Project Location: Le Quate		
Dere	Phone #:	
٦,	Fax #:	
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service. In no event shall Cardinal be lable for incidental any other cause whatscever stillulates or successors arising out of or related to the performance of services brown Relinquis, hed By:	service. In no ovent shall Cardinal be also be not any other cause whatscever shall be deemed waived unless made in whiting and received by Cardinal within 30 days after oncipieties of the affiliates or successors arising out of or related to the performance of services from the character of the application, business interruptions, loss of use, or loss of profile incurred by client, its subsidiaries, Relinquished by:	t for the or the
TIO	Received by:	Result: ☐ 'es ☐ No Add'I Phone #:
Relinquished By: Date:	Received By:	
Delivered Rv. (Circle One)		
Sampler - UPS - Bus - Other:	# 140 Sample Condition CHECKED BY: Cool Infact (Initials)	
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326	-	

Page 27 of 29



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Paragon Environmental

0	יייים פייי ביועוו כוווופוונפו	DILL TIME		
. Joject Manage	roject manager: Cason Spurlock	PO#	ANALYSIS REQUEST	
Address: 500	5002 Carriage Rd	3		1
City: Hobbs	State: NM zip: 88242	Attn: Real Duk		
Phone #: 0/0-631-6977	Fax #:	Address. NOGER		
Project #:	Project Owner: Sour	Cit		
Project Name:	- 1			
Project Location:	Lea County	orare: Zip:		
Sampler Name:	Prema	Phone #:		
FOR LAB USE ONLY	THE MINNEY	Fax #:		
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Relinquished By:	service. In no ovent shall Cardinal be liable for incidential or consequential diameter, including white duriness made in writing and secretived by Cardinal within 30 days after completion of the applicable of execusions arising out of or related to the performance of services foreured by Cardinal, regardless of whether such claims besed upon one of the above stated reasons or otherwise. Relinquished by: Date:	id tectived by Cardinal within 30 days after completion of the applicable loss of use, or loss of profits incursed by client, its subsidiaries, is besed upon any of the above stated insacras or otherwise.		
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r Cardinal canno	es	5) 393-2326		
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Project Manager: Coop Sand Invironmenta	ntal	BILL TO	- 1	
Address: 5002 Carriage Rd	P.O. 典		ANALISIS REQUESI	EST
city: Hobbs State:	CVC88 ''S MN	Company: Space		
Phone #: 575-631-6977 Fax #:		rades worder		
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Project Location		Zip:		
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FOR LAR USE ONLY	Fax #:			
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ampler - UPS - Bus - Other:	HILL Sample Condition CHECK Cool Miact (Ini	CHECKED BY: Ewail veralls to Ewas	lenes.	
cardinal Cannot accept verbal changes. Please fax written changes to (575) 393-2326	se fax written changes to (575) 393-232	6		

Page 29 of 29



March 27, 2024

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

RE: PEARSALL SWD GATHERING LINE

Enclosed are the results of analyses for samples received by the laboratory on 03/21/24 11:27.

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

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



400

3.51

Analytical Results For:

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

 Received:
 03/21/2024
 Sampling Date:
 03/20/2024

 Reported:
 03/27/2024
 Sampling Type:
 Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: CT

Project Location: SPUR - LEA CO NM

mg/kg

176

16.0

Sample ID: NSW - 1 1' (H241482-01)

Chloride, SM4500Cl-B

Chloride

Cilioriac, Si-14300Ci B	1119	, kg	Alluly20	u by. Ci					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/25/2024	ND	464	116	400	3.51	
Sample ID: NSW - 2 1' (H241482-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/25/2024	ND	464	116	400	3.51	
Sample ID: NSW - 3 1' (H241482-03)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/25/2024	ND	464	116	400	3.51	
Sample ID: NSW - 4 1' (H241482-04)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

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03/25/2024

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ND

464

116

Celey D. Keene



Analytical Results For:

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

Received: 03/21/2024 Sampling Date: 03/20/2024

Reported: 03/27/2024 Sampling Type: Soil
Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: SPUR - LEA CO NM

Chloride, SM4500CI-B	mg/kg		Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/25/2024	ND	464	116	400	3.51	
Sample ID: NSW - 6 1' (I	1241482-06)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/25/2024	ND	464	116	400	3.51	
Analyte Chloride	Result 64.0	Reporting Limit	Analyzed 03/25/2024	Method Blank	BS 464	% Recovery	True Value QC 400	RPD 3.51	Qualifier
•			,			,	·		Qualifier
			52, 25, 252						
Sample ID: NSW - 8 1'(I	1241482-08)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/25/2024	ND	464	116	400	3.51	
Commister NCW 0 41/1	J241402 00\								
Sample ID: NSW - 9 $$ 1' ($$	1241402-09)								

- · · · · · · · · · · · · · · · · · · ·									
Chloride, SM4500CI-B	mg	/kg	Analyze	zed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/25/2024	ND	464	116	400	3.51	

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Analytical Results For:

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

Fax 1

Received: 03/21/2024 Sampling Date: 03/20/2024

Reported: 03/27/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 10 1' (H241482-10)

Chloride, SM4500Cl-B	mg	/kg	Analyze	yzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/25/2024	ND	464	116	400	3.51		

Sample ID: NSW - 11 1' (H241482-11)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/25/2024	ND	464	116	400	3.51	

Sample ID: NSW - 12 1' (H241482-12)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/25/2024	ND	464	116	400	3.51	

Sample ID: NSW - 13 1' (H241482-13)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/25/2024	ND	464	116	400	3.51	

Sample ID: NSW - 14 1' (H241482-14)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/25/2024	ND	464	116	400	3.51	

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Celey D. Keene



Analytical Results For:

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

Received: 03/21/2024

Sampling Date:

03/20/2024

Reported: Project Name: 03/27/2024

Sampling Type:

Soil Cool & Intact

True Value QC

Project Number:

PEARSALL SWD GATHERING LINE NONE GIVEN

Sampling Condition: Sample Received By:

% Recovery

Tamara Oldaker

RPD

Qualifier

Project Location:

SPUR - LEA CO NM

Sample ID: SSW - 1 1' (H241482-15)

Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT		
Analyte	Result	Reporting Limit	Analyzed	Method	

Chloride 160 16.0 03/25/2024 ND 464 116 400 3.51

Sample ID: SSW - 2 1' (H241482-16)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/25/2024	ND	464	116	400	3.51	

Method Blank

Sample ID: SSW - 3 1' (H241482-17)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/25/2024	ND	464	116	400	3.51	

Sample ID: SSW - 4 1' (H241482-18)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	ND	432	108	400	0.00	

Sample ID: SSW - 5 1' (H241482-19)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	ND	432	108	400	0.00	

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Celey D. Keene



Analytical Results For:

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

Received: 03/21/2024 Sampling Date: 03/20/2024

Reported: 03/27/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: SPUR - LEA CO NM

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	432	108	400	0.00	
Sample ID: SSW - 7 1' (H	1241482-21)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	ND	432	108	400	0.00	
Sample ID: SSW - 8 1' (H	1241482-22)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	ND	432	108	400	0.00	
Sample ID: SSW - 9 1' (H	1241482-23)								
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Chloride, Si-14300ci B	, kg	Allulyze	u by. 111-1						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	ND	432	108	400	0.00	

Sample ID: SSW - 10 1' (H241482-24)

Chloride, SM4500Cl-B	Chloride, SM4500Cl-B mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	432	108	400	0.00	

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Celey D. Keene



Analytical Results For:

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

Received: 03/21/2024 Sampling Date: 03/20/2024

Reported: 03/27/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: SPUR - LEA CO NM

Sample ID: SSW - 11 1' (H241482-25)

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/26/2024	ND	432	108	400	0.00	
Sample ID: SSW - 12 1'	(H241482-26))							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/26/2024	ND	432	108	400	0.00	

Sample ID: SSW - 13 1' (H241482-27)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	432	108	400	0.00	

Sample ID: SSW - 14 1' (H241482-28)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	432	108	400	0.00	

Sample ID: ESW - 1 1' (H241482-29)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/26/2024	ND	432	108	400	0.00	

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Celey D. Kune



Analytical Results For:

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

Received: 03/21/2024 Sampling Date: 03/20/2024

Reported: 03/27/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: SPUR - LEA CO NM

Sample ID: ESW - 2 1' (H241482-30)

Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/26/2024	ND	432	108	400	0.00	
Sample ID: ESW - 3 1' (H24	41482-31)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/26/2024	ND	432	108	400	0.00	
Sample ID: WSW - 1 1' (H2	241482-32)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/26/2024	ND	432	108	400	0.00	
Sample ID: WSW - 2 1' (H2	241482-33)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/26/2024	ND	432	108	400	0.00	
Sample ID: WSW - 3 1' (H2	241482-34)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND		108		0.00	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



400

0.00

Analytical Results For:

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

Received: 03/21/2024 Sampling Date: 03/20/2024

Reported: 03/27/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: SPUR - LEA CO NM

48.0

16.0

Sample ID: S - 1 1' (H241482-35)

Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/26/2024	ND	432	108	400	0.00	
Sample ID: S - 2 1' (H24	1482-36)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

432

108

Sample ID: S - 3 1' (H241482-37)

Chloride

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM	НМ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/26/2024	ND	432	108	400	0.00		

03/26/2024

Sample ID: S - 4 1' (H241482-38)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/25/2024	ND	432	108	400	0.00	

Sample ID: S - 5 1' (H241482-39)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/25/2024	ND	432	108	400	0.00	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Qualifier



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

Analytical Results For:

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

Received: 03/21/2024 Reported: 03/27/2024

Project Name: PEARSALL SWD GATHERING LINE
Project Number: NONE GIVEN

Project Location: SPUR - LEA CO NM

Sampling Date: 03/20/2024

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 6 1' (H241482-40)

Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/25/2024	ND	432	108	400	0.00	
Sample ID: S - 7 1' (H241:	482-41) mg	/ka	Analyze	ed By: CT					

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	
Chloride	96.0	16.0	03/25/2024	ND	432	108	400	0.00	

Sample ID: S - 8 1' (H241482-42)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/25/2024	ND	432	108	400	0.00	

Sample ID: S - 9 1' (H241482-43)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/25/2024	ND	432	108	400	0.00	

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Celeg D. Freene



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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental	/ironmental	BILL TO		ANALYSIS REQUEST
Project Manager: Cason Spurlock	lock	P.O. #:		
Address: 5002 Carriage Rd		Company: Spur		
city: Hobbs	State: NM zip: 88242	2		
Phone #: 575-631-6977	Fax #:	-		
Project#:	Project Owner: Space	City:		
Project Name: Panysell Swi)	Coethering Live	State: Zip:		
Project Location: Lea		Phone #:		
Sampler Name:) evens Manes		Fax #:		
-		PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chlorides	
1 1. MSM 1				
NSW. Z				
4 NSW 4				
5 Now . 5	A.)			
6 NSW . 6 1				
7 NSW . 7 1				
NSW 1				
PLEASE NOTE: Unblify and Damages. Cardina's liability and organized the control of the control	PLEASE NOTE: Unblifty and Osmagos. Cardinaft liability and client's exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for nogligence and any other cause whateverve shall be deemed waived unless made in writing and received by Cardinal within 30 days after competen of the applicable service, in no overel shall Cardinat be liable for includinal or consequential deranges, including without invalident, business interruptions, loss of use, or loss of profile incurred by client, its substitutions, and the consequence of the consequence of the above and analysis and the state of the above and and resource and the analysis and the state of the above and and resource and the above and analysis and the state of the above and and resource and the above and the above and analysis and analys	tort, shall be limited to the amount paid scelved by Cardinal within 30 days after so I use, or loss of profits incourred by oil to the above a lated season to the above	by the client for the completion of the applicable ent, its subsidiaries, con a subsidiaries,	
Relinquished By:	200	Make	Phone Result:	Add'l Phone #: Add'l Fax #:
Relinquished By:	Daté: Received By:	196		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	# 140 Sample Condition Cool Intact Yes Tyes I yes	(Initials)	Spind gungs! In Charis	divers

Released to Imaging: 7/24/2024 4:05:29 PM

Page 12 of 16

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Paragon Environmental	=nvironmental	BILL TO	ANALYSIS REQUEST
Project Manager: Cason Spurlock		P.O. #:	
Address: 5002 Carriage Rd		Company: Spur	
city: Hobbs	State: NM zip: 88242	20	
Phone #: 575-631-6977		SS:	
Project #:	Project Owner: Spay	City:	
Project Name: Rearsall Swill	Gallyring Line	State: Zip:	
		#	
Sampler Name: Develop W	Wheney	Fax #:	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	
Lab I.D. Samp	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER: DATE	Chlorides
11 . CUSIN !!		03/26	
12 NSW. 17			
15 NSW- 13			
15 SSW. 1	1		
1 SSW. 2			
17 SSW 3	1		
18 SSW 4	-		
19 SSW. 5			
4 · mss 02			
EASE NOTE: Liability and Damages, cardinal's liability and cli- sysses. All daims including those for negligance and any other rice, in no event shall Cardinal be sloble for indicated or constants also or successors asisting out of or related to the performance	ont's exclus cause what quental den of services	xt, shalf be limited to the amount paid by the client for olived by Cardinal within 30 days after completion of the of use, or loss of profils incurred by client, its subsidiant sed use, or loss of profils incurred by client, its subsidiant sed use, or loss of profils incurred by client, its subsidiant set.	or the policable this applicable this applicab
elinquished By:	Time: Date: Received By: Received By: Received By:	_ _	ssult: □ res □ No Add'i Phone#; It: □ res □ No Add'i Fax #; S:
Delivered By: (Circle One)	O Sample	CHECKED BY:	
ampler - UPS - Bus - Other:	-14.0 c Tres Tres	Seno	Send email results to Chris Jones

Page 13 of 16

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Parac	Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST	
Project Manager: Cason Spurlock	on Spurlock		P.O. #:		- 1	1
Address: 5002 Carriage Rd	riage Rd		Company: Spur			
city: Hobbs	State: NM	/ Zip: 88242	Attn: Brades Wolder		_	
Phone #: 575-631-6977	977 Fax #:					_
Project #:	Project Owner:	er: 5244	City:			_
Project Name: Praysal	1 SWD Cathering Und		State: Zip:			_
Project Location:)		*			
Sampler Name: Deve-	- William		Fax #:			_
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	ING		_
Lab I.D.	Sample I.D.	DGE	ER: D/BASE: COOL ER:	hlovides	,	
21 SSW.	 		- 1			1
· MSS 8	8 1					1
33 SSW.	P 1					
mss #	10 1					
SSW						1
SSW.	17 11					-
27 SSW.	. 13 1'					
38 SSW	- 14 1'					1
39 ESW	-			\		
30 ES W	. 2		-	-		
LEASE NOTE: Linblify and Damages. Cardinal's liability and naivses. All daims including those for negligence and any of cardina, in no event shall Cardinal be liable for incidental or cardinal be liable for incidental or milliales or successors arising out of or rabiled to the performs	LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or lost, shall be limited to the amount paid by the cliant for the naisyees. All claims including those for notifications of the applicable value of the client including those for notifications of the applicable order. All claims including those for notifications of the applicable order, in no event shall Cardinal blable or incidental or consequental demogre, including without irritation, business interruptions, loss of use, or loss of profits incurred by claims, its subclaims, and the consequent of the profit incurred by claims the consequent of the profit incurred by claims the consequent of the profit incurred by claims the consequent of which are the claims to be added to make a consequent or otherwise.	any claim arising whether based in contract or tort, shall be limited to the amount december awards unless made in withing and neceived by Cardinal within 30 days og without limitation, bushoes interruptione, loss of united limitation, bushoes interruptione, loss of united limitation, bushoes interruptione, loss of united limitations of whother states of without first and the same of the above states.	tort, shall be limited to the amount pald colved by Cardinal within 30 days after a cles, or lose of profits incurred by cli sear upon any of the above stated mass	by the cliant for the completion of the applicable lient, its aubaidiaries, cons or references.		ŀ
Relinquished By:		R R	9	ult: 0 Yes 0	No Add'i Phone #: No Add'i Fax #:	
Relinquished By:	Date: Time:	Received By:				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	-140	#440 Sample Condition Cool Intact	CHECKED BY: (Initials)	Send email to Chris	25)0005	

Page 14 of 16

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Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Nam	Company Name: Paragon Environmental	nvironmental				BILL TO	0			AMALVO	- 4	
Project Manager:	er: Cason Spurlock	urlock			P.O. #	T. Malana	ľ	-	1	AIMAL TOIO	מ אבעטבטו	-
Address: 500	5002 Carriage Rd	Rd			Company: South	South		_				_
city: Hobbs	S	State: NM	V Zip:	88242	Attn: Brade	day who	Silver	_			_	_
Phone #: 575-631-6977	-631-6977	Fax #:			Address:	4	12	_	_	_		_
Project #:		Project Owner:	ner: S	VNC	City:			_	_			_
Project Name:	PEANSALL SWID	Cathering Lang			State:	Zip:		_	_			_
Project Location:	n: Lea	,			Phone #:				_			_
Sampler Name:	Devems waner	4V			Fax #:							_
FOR LAB USE ONLY			P.	MATRIX	PRESERV	\Box	SAMPLING	_	_			
Lab I.D.	Sample I.D.	le I.D.	AB OR (C)OMF	NTAINERS NUNDWATER TEWATER	ER: /BASE: COOL			nlorides				
1241489	2 134			GR WA SO OIL	AC	THE OWNER WHEN	TIME	1	F			
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25	WSW. Z	-				1		+	1	+		
34	WSW. 3	7			+	Ī		+	+	+		
35	5.1				+	1		+	+	+		
22	S-2 1							1	1			-
37	S-3							+	-	1		
38	S.4 1.				1	1		1	1			
98	2.5					T		1	1	+		
40	5.6 1							1	1			
LEASE NOTE: Liability and including in anyses. All daims including a civice. In no event shall Card filliates or successors arising a	-CLASE KOTE: Libbilly and Damages. Cardinal's liabilly and manages. Cardinal's liabilly and manages. All claims including those for nogligance and any oll swince, in no event shall Cardinal be lable for Incidental or co	nd clioni's exclusive remedy for Alher cause whatsoever shall be consequental dameges, includin ance of services herounder by (any claim an deemed wai g without limi Cardinal, reg	Y-LEASE NOTE: Liability and Damagos. Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other course whatsoever shall be decrined waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no overst shall Cardinal be liable for inclosinal or consequential damages, including without find allow, business interruptions, loss of use, or loss of profits incurred by Calent, its subsciticines, in the support of the support of the part of	r lort, shall be limited ecolwed by Cardinal vise of use, or loss of published upon ony of the	hall be limited to the amount pead by Cardinal within 30 days after to, or loss of profits incurred by cupon any of the above stated res	be limited to the amount paid by the client for the Cardinal within 30 days after completion of the appl or loss of profits incurred by client, its subsidiaries, in any of the above stated ressorts or otherwise.	Icable	F			L
Relinquished By:	25	Tigne: 77	Rece	Received By:	1111	A.		□ řes	No o	Add'l Phone #: Add'l Fax #:		
reinquished by:		Date: Time:	Recei	Received By:	4							
Delivered By: (Circle One) Sampler - UPS - Bus - Other	(Circle One) Bus - Other:	200	444	Sample Co Cool Inta	CHECKED BY:	ED BY:	Send ennas	to to	Chros	ones		
	Dus - Outer.	- 14.0c		Yes Yes	+	C	JEVAS SAN		CWAMA	Comp		_

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	Company Name: Paragon Environmental		BILL TO	AN	ANALYSIS REQUEST	-
Project Manager	Project Manager: Cason Spurlock		P.O. #:		- 1	1
Address: 500	Address: 5002 Carriage Rd		Company: Span			
city: Hobbs	State: NM	Zip: 88242	Attn: Bracker Wolder			
Phone #: 575-631-6977	531-6977 Fax #:		Address:			
Project #:	Project Owner:	r: 5244	City:			
Project Name:	Previous SUD Colleving Line		State: Zip:			
Project Location:	Lea)		Phone #:			
Sampler Name:	Devening Wanter		Fax #:			
FOR LAB USE ONLY			PRESERV. SAMPLING			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Chlorades		
117	5 P 1'	Y	-			
42	5.5 1'					
42	3					
LEASE NOTE: Liability and C nalyses. All claims including II arvice. In no event shall Cardi	d cliont's exclusion cause what nsequental den	y claim arieing whether based in contract corned waived unless made in writing and without limitation, business interruptions, it	or lord, shall be limited to the amount paid by the received by Cardinal within 30 days after compiles or loss of profits incurred by client, lis	client for the edon of the applicable subsidiaries,		- 1
5 5	Date:	Received By: Received By:	1	Phone Result: 'res No Add'i Fax Result: Yes No Add'i REMARKS:	Add'i Phone #: Add'i Fax #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other	(Circle One) ### (Circle One)	Sample Condition Cool Milact Yes Tyes	CHECKED BY:	Send email to Chris Jones.		

Page 16 of 16



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

May 07, 2024

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

RE: PEARSALL SWD GATHERING LINE

Enclosed are the results of analyses for samples received by the laboratory on 05/01/24 15:08.

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

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/01/2024 Sampling Date: 05/01/2024

Reported: 05/07/2024 Sampling Type: Soil

Project Name: PEARSALL SWD GATHERING LINE Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Project Location: SPUR - LEA CO NM

Sample ID: NSW - 23 1' (H242343-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2024	ND	1.85	92.5	2.00	5.32	
Toluene*	<0.050	0.050	05/04/2024	ND	1.86	93.2	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/04/2024	ND	1.87	93.5	2.00	5.59	
Total Xylenes*	<0.150	0.150	05/04/2024	ND	5.43	90.5	6.00	5.57	
Total BTEX	<0.300	0.300	05/04/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2024	ND	211	105	200	3.52	
DRO >C10-C28*	<10.0	10.0	05/03/2024	ND	198	98.9	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	05/03/2024	ND					
Surrogate: 1-Chlorooctane	103	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.5	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

† Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name:				
Project Manager: (ASSA CAN INTERNATIONAL CONTRACTOR OF THE PROJECT OF THE PROJEC		BILL TO	ANALYSIS REQUEST	
TO SOUTH STANKER		P.O. #		\dashv
Address: 500 L Carriage 12d.		Company: Spuly		_
City: Habbs, NW State:	Zip: 88242	Attn: Brades Wolder		
Phone #: 525-631-6977 Fax #:		Address:		_
Project #: Project Ov	Project Owner: Sput	City:		
Project Name: Raysall SWD Cathuring Inc	M	State: Zip:		
Project Location: Lec		*		_
Sampler Name: DEVEMS WLAVEY		Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: CE / COOL OTHER: DATE	TPH EXT BITEX Chlorides	
NSW-53 1.	/	10501	1	
PLASE NOTE: Clability and Dumages. Condend's liability and client's exclusive remedy for any claim sixing whether based in contract or lost, shall be limited to the amount paid by the client for the analyses. All claims including those for expligence and any other cause whothere shall be developed whether and unless made in writing and exceed by Cardinal within 30 days after completion of the applicable affiliates. In no event shall Cardinal be liable for incidental or consequential chamages, including whost limited, but better profit incidental or posts in cardinal and any other cause who are successors, "wing out of or related to the performance of services hereunder by Cardinal whether such claims is based," "on, any of the above stated respons or otherwise. Religious of the contract of the performance of services hereunder by Cardinal respectives of whether such claims is based," "on, any of the above stated respons or otherwise.	ndy for any claim aining whether based in contrast or toot, shall be limited to the shall be limited to the shall be limited to the shall be desired waters unless made in writing and excised by Cardinal within including without installation, business retemptions, loss of trans, or loss of profits including without installation, business retemptions, loss of the safe of the also derive by Cardinal required the also derive by Cardinal required the also	exclusive remarky for any claim scioling whether bused in contract or tort, shall be lamited to the amount paid by the claim for the a whotovery shall be deemed watered unless made in writing and received by Custinal witthin 30 days wher, completion of the autiliar characteristic characteristic characteristic includes the contraction of the autiliary and increases the contraction of the autiliary and increases the contraction of the autiliary when the contraction is subsidiaries. In contraction the subsidiaries of whether such claim is based. "In any of the above stated resource of dementary."	r The transplicable files.	
Relinquished By:	Received By:	9	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address: REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Corrected Temp. °C	Sample Condition Cool Intact Cool No No No	CHECKED BY:	Turnaround Time: Standard Standard	

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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**

QUESTIONS

Action 346425

QUESTIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	346425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2113148964
Incident Name	NAPP2113148964 PEARSALL SWD GATHERING LINE @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	PEARSALL SWD GATHERING LINE
Date Release Discovered	04/30/2021
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 17 BBL Recovered: 5 BBL Lost: 12 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Flowline Ruptured

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Ea NIM 97505

QUESTIONS, Page 2

Action 346425

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	i Fe, NIVI 6/505
QUESTI	IONS (continued)
Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947 Action Number: 346425 Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	N/A
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 05/21/2024

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

QUESTIONS, Page 3

Action 346425

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	346425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provide	led to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contami	ination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	416
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	171.8
GRO+DRO (EPA SW-846 Method 8015M)	86.3
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes com, which includes the anticipated timelines for beginning and completing the remediation.	pleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	03/18/2024
On what date will (or did) the final sampling or liner inspection occur	03/20/2024
On what date will (or was) the remediation complete(d)	05/01/2024
What is the estimated surface area (in square feet) that will be reclaimed	300
What is the estimated volume (in cubic yards) that will be reclaimed	160
What is the estimated surface area (in square feet) that will be remediated	300
What is the estimated volume (in cubic yards) that will be remediated	160
These estimated dates and measurements are recognized to be the best guess or calculation	at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally adjuste	ed in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

District I

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

QUESTIONS, Page 4

Action 346425

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	346425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

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

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

I hereby agree and sign off to the above statement

Name: Katherine Purvis Title: EHS Coordinator

Email: katherine.purvis@spurenergy.com Date: 05/21/2024

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

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

QUESTIONS, Page 5

Action 346425

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	346425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

District I

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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

QUESTIONS, Page 6

Action 346425

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	346425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded 338619	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/02/2024
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	1825

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	1500	
What was the total volume (cubic yards) remediated	160	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	1500	
What was the total volume (in cubic yards) reclaimed	160	
Summarize any additional remediation activities not included by answers (above)	CONTAMINATED SOIL WAS REMOVED TO MEET THE MOST STRINGENT STANDARD SET FORTH BY NMOCD	

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

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

Name: Katherine Purvis
Title: EHS Coordinator
Email: katherine.purvis@spurenergy.com
Date: 05/21/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

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District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

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Action 346425

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	346425
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 346425

CONDITIONS

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Spur Energy Partners LLC	328947
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Houston, TX 77024	346425
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CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	7/24/2024
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	7/24/2024