

Spill Volume(Bbls) Calculator		
<i>Inputs in blue, Outputs in red</i>		
Length(Ft)	Width(Ft)	Depth(In)
<u>50.000</u>	<u>25.000</u>	<u>5.000</u>
Cubic Feet Impacted		<u>520.833</u>
Barrels		<u>92.76</u>
Soil Type		Clay/Sand
Bbls Assuming 100% Saturation		<u>13.91</u>
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels Released		14.00000

Instructions
1. Input spill measurements below. Length and width need to be input in feet and depth in inches.
2. Select a soil type from the drop down menu.
3. Select a saturation level from the drop down menu.
(For data gathering instructions see appendix tab)

Measurements	
Length (ft)	50
Width (ft)	25
Depth (in)	5.000









January 27th, 2025

NMOCD District 2
Mike Bratcher
Artesia, NM 88210

NMSLO Environmental Compliance Office
Tami Knight
505-670-1638

Re: Site Assessment, Remediation, and Closure Request
State S 19 #7
API No. 30-015-29965
GPS: Latitude 32.81369 Longitude -104.11737
UL "N", Sec. 19, T17S, R29E
Eddy County, NM
NMOCD Ref. No. nAPP2316443375

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 State S 19 #7 (State S). Details of the release are summarized below:

Release Details			
Type of Release:	Produced Water	Volume of Release:	14 bbls
		Volume Recovered:	10 bbls
Source of Release:	Poly Line	Date of Release:	6/10/23
Was Immediate Notice Given?	No	If, Yes, to Whom?	N/A
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	State	Mineral Owner:	State
A crack in the poly disposal line caused a produced water release onto the pad with a small amount in the pasture			

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 100-500'
- Method to determine DTW Direct Measure
- Did the release impact groundwater or surface water No

Depth to groundwater information is provided in Appendix A.

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

- A Continuously flowing watercourse or any other significant watercourse- > 5 Mile
- Any lakebed, sinkhole, or playa lake- 1-5 mi
- An occupied permanent residence, school, hospital, institution, or church- 1-5 mi
- A spring or a private domestic fresh water well used by less than 5 households for domestic or stock watering purposes- 1-5 mi
- Any other fresh water well or spring- 1-5 mi
- Incorporated municipal boundaries or a defined municipal fresh water well field- 1-5 mi
- A wetland- 1-5 mi
- A subsurface mine- >5 mi
- An (non-karst) unstable area- >5 mi
- Categorize the risk of this well/site being in a karst area geology- Low
- A 100-year floodplain- 1-5 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 Older alluvial deposits of upland plains and piedmont areas, and calcic soils and eolian cover sediments of High Plains region (middle to lower Pleistocene)—Includes scattered lacustrine, playa, and alluvial deposits of the Tahoka, Double Tanks, Tule, Blackwater Draw, and Gatuña Formations, the latter of which may be Pliocene at base; outcrops, however, are basically of Quaternary deposits (QEP). The soil in this area is made up of Simona Gravelly Fine Sandy Loam, with 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are well 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 December 18, 2022, Paragon conducted an initial site assessment. During the initial site assessment, we sampled inside and outside the battery inside the footprint from the incident. The results of this sampling event are detailed in the following data table.

12-18-22 Sample Results

NMOC Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date 12/18/22		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria 1,000 mg/kg			Closure Criteria 1,000 mg/kg	Closure Criteria 20,000 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRD	MRO	Total TPH	CHLORIDES
S-1	0-6"	ND	ND	ND	ND	ND	ND	3720
S-1	4'	ND	ND	ND	ND	ND	ND	7440
S-2	0-6"	ND	ND	ND	ND	ND	ND	6960
S-2	3'	ND	ND	ND	ND	ND	ND	2720
S-3	0-6"	ND	ND	ND	ND	ND	ND	4000
S-3	3'	ND	ND	ND	ND	ND	ND	640
S-4	0-6"	ND	ND	ND	ND	ND	ND	16800
S-4	4'	ND	ND	ND	ND	ND	ND	336
S-5	0-6"	ND	ND	ND	ND	ND	ND	8000
S-5	4'	ND	ND	ND	ND	ND	ND	96
S-6	0-6"	ND	ND	ND	ND	ND	ND	6320
S-6	3'	ND	ND	ND	ND	ND	ND	320
S-7	0-6"	ND	ND	ND	ND	ND	ND	22000
S-7	4'	ND	ND	ND	ND	ND	ND	896
S-8	0-6"	ND	ND	ND	ND	ND	ND	9600
S-8	3'	ND	ND	ND	ND	ND	ND	64
S-9	0-6"	ND	ND	ND	ND	ND	ND	2160
S-9	4'	ND	ND	ND	ND	ND	ND	1880
S-10	0-6"	ND	ND	ND	ND	ND	ND	48
S-10	3'	ND	ND	ND	ND	ND	ND	128
HZ 1	SURFACE	ND	ND	ND	ND	ND	ND	32
HZ 2	SURFACE	ND	ND	ND	ND	ND	ND	16
HZ 3	SURFACE	ND	ND	ND	ND	ND	ND	16
HZ 4	SURFACE	ND	ND	ND	ND	ND	ND	32
HZ 5	SURFACE	ND	ND	ND	ND	ND	ND	32
HZ 6	SURFACE	ND	ND	ND	ND	ND	ND	48
HZ 7	SURFACE	ND	ND	ND	ND	ND	ND	32
HZ 8	SURFACE	ND	ND	ND	ND	ND	ND	16

ND- Analyte Not Detected

Laboratory Report can be found in Appendix D

A Site Map is provided in Figure #1.

REMEDIATION ACTIVITIES

On February 6, 2024, Paragon mobilized equipment and personnel to the State S to begin remediation activities. The following tasks were performed in accordance with Rule 19.15.29.12.

- In the area of S-7, we excavated to a depth of 4 feet BGS. Approximately 450 cubic yards were removed and disposed of at Lea Land. Backfill material was also obtained at Lea Land.

Once this area was excavated, approximately 3050 surface s/f, to the specified depths, we advised the OCD through the portal that we would be obtaining confirmation samples. Bottom samples were obtained, representing no more than 200 s/f. Composite Sidewall samples were obtained, with each sample representing no more than 50 s/f. The results of this sampling event are in the following data table:

2/15/24 Laboratory Results

NMOC Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')								
Sample Date: 2/15/24		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria 1,000 mg/kg			Closure Criteria 2,500 mg/kg	Closure Criteria 20,000 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
NSW-1	4'	ND	ND	ND	ND	ND	ND	176
NSW-2	4'	ND	ND	ND	ND	ND	ND	320
NSW-3	4'	ND	ND	ND	ND	ND	ND	320
ESW-1	4'	ND	ND	ND	ND	ND	ND	240
SSW-1	4'	ND	ND	ND	ND	ND	ND	288
SSW-2	4'	ND	ND	ND	ND	ND	ND	336
WSW-1	4'	ND	ND	ND	ND	ND	ND	256
WSW-2	4'	ND	ND	ND	ND	ND	ND	256
S-1	4'	ND	ND	ND	ND	ND	ND	160
S-2	4'	ND	ND	ND	ND	ND	ND	464
S-3	4'	ND	ND	ND	ND	ND	ND	480
S-4	4'	ND	ND	ND	ND	ND	ND	416
S-5	4'	ND	ND	ND	ND	ND	ND	304
S-6	4'	ND	ND	ND	ND	ND	ND	544
S-7	4'	ND	ND	ND	ND	ND	ND	560
S-8	4'	ND	ND	ND	ND	ND	ND	288
S-9	4'	ND	ND	ND	ND	ND	ND	608
S-10	4'	ND	ND	ND	ND	ND	ND	304
S-11	4'	ND	ND	ND	ND	ND	ND	256
S-12	4'	ND	ND	ND	ND	ND	ND	256
S-13	4'	ND	ND	ND	ND	ND	ND	192
S-14	4'	ND	ND	ND	ND	ND	ND	240
S-15	4'	ND	ND	ND	ND	ND	ND	352
S-16	4'	ND	ND	ND	ND	ND	ND	240

ND- Analyte Not Detected

A confirmation map showing sampling locations is attached in Figure 5.

A closure report was submitted to the NMOCD portal and was subsequently rejected because the areas of S-8 and S-9 needed to be cleaned to reclamation standards, and it was determined that these areas were part of the road.

On August 12th, 2024, Paragon mobilized personnel and heavy equipment to complete remedial activities.

Our remediation began by excavating the areas of S-8 to a depth of 3' BGS and S-9 to a depth of 9' BGS. The spill area was 4000 S/F. 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.

8-23-24 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 8-23-24	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 5'	ND	ND	ND	ND	ND	0	32
ESW - 2 5'	ND	ND	ND	ND	ND	0	576
ESW - 3 3'	ND	ND	ND	ND	ND	0	48
ESW - 4 3'	ND	ND	ND	ND	ND	0	32
NSW - 1 3'	ND	ND	ND	ND	ND	0	64
NSW - 2 5'	ND	ND	ND	ND	ND	0	320
S - 1 3'	ND	ND	ND	ND	ND	0	64
S - 2 3'	ND	ND	ND	ND	ND	0	240
S - 3 3'	ND	ND	ND	ND	ND	0	64
S - 4 3'	ND	ND	ND	ND	ND	0	208
S - 5 3'	ND	ND	ND	ND	ND	0	48
S - 6 3'	ND	ND	ND	ND	ND	0	224
S - 7 3'	ND	ND	ND	ND	ND	0	48
S - 8 3'	ND	ND	ND	ND	ND	0	272
S - 9 3'	ND	ND	ND	ND	ND	0	64
S - 10 3'	ND	ND	ND	ND	ND	0	272
S - 11 5'	ND	ND	ND	ND	ND	0	832
S - 12 5'	ND	ND	ND	ND	ND	0	576
S - 13 5'	ND	ND	ND	ND	ND	0	544
S - 14 5'	ND	ND	ND	ND	ND	0	48
S - 15 5'	ND	ND	ND	ND	ND	0	544
S - 16 5'	ND	ND	ND	ND	ND	0	576
S - 17 5'	ND	ND	ND	ND	ND	0	48
S - 18 5'	ND	ND	ND	ND	ND	0	48
S - 19 5'	ND	ND	ND	ND	ND	0	32
S - 20 5'	ND	ND	ND	ND	ND	0	48
SSW - 1 5'	ND	ND	ND	ND	ND	0	320
WSW - 1 3'	ND	ND	ND	ND	ND	0	32
WSW - 2 3'	ND	ND	ND	ND	ND	0	48
WSW - 3 5'	ND	ND	ND	ND	ND	0	544
WSW - 4 5'	ND	ND	ND	ND	ND	0	288

(ND) Analyte Not Detected

These results show there was still one area that needed to be further excavated. So we decided to dig down in the area of S-11 down another ½ ft. We then submitted another sample notification, the results of which are in the following data table.

9-5-24 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 9-5-24	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
S - 11 5 1/2'	ND	ND	ND	ND	ND	0	48

(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, nAPP2316443375, 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 contact Chris Jones by phone at (575)964-7814 or email chris@paragonenvironmental.net

Respectfully,



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

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

Appendices:

- Appendix A – Referenced Water Surveys & RA-13283 POD1
- Appendix B – Soil Survey and FEMA Flood Map
- Appendix C – Photographic Documentation & OCD Notification
- Appendix D – Laboratory Reports






Figures:

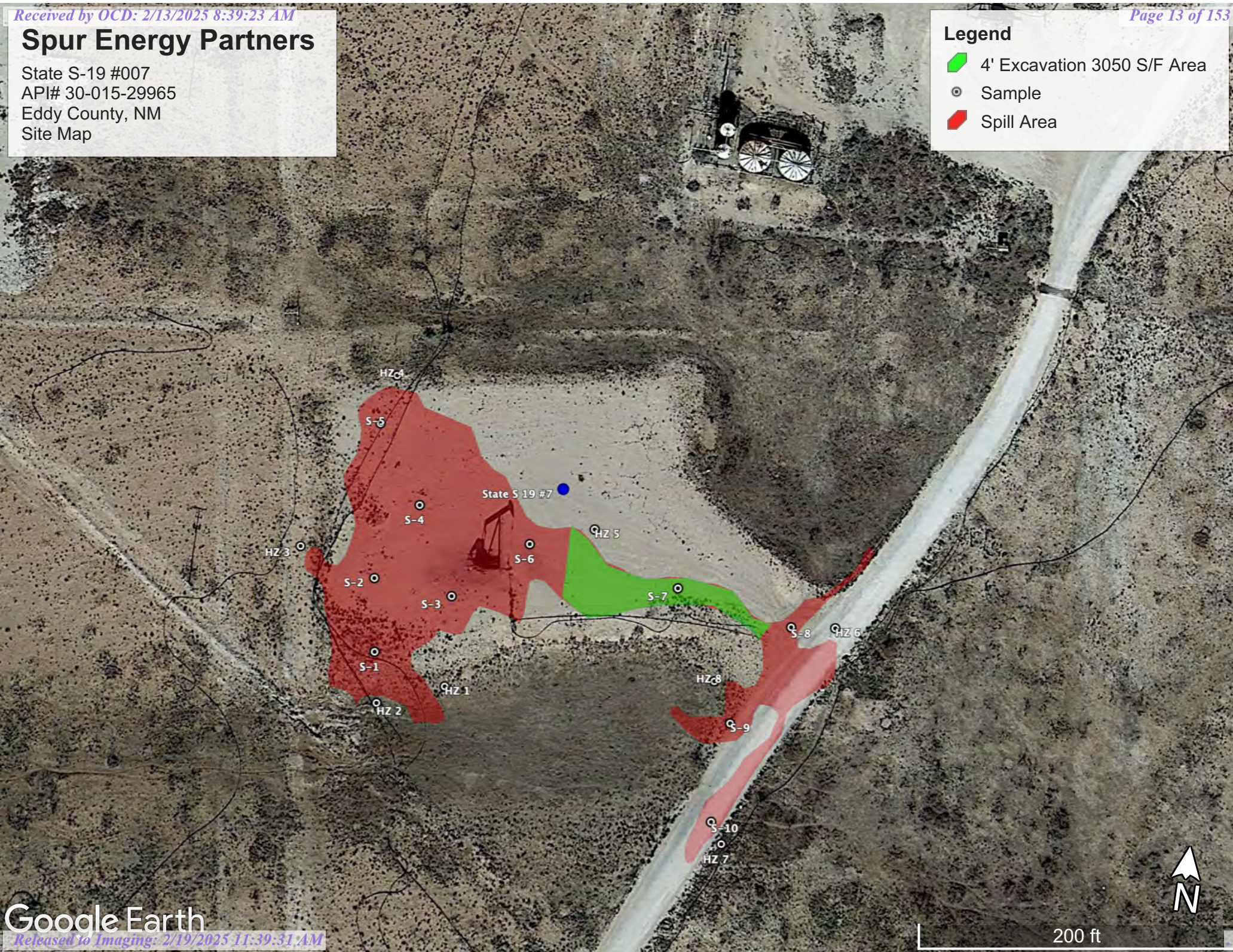
- 1- Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Aerial Map
- 5- Confirmation Sample Maps
- 6- Groundwater Map

Spur Energy Partners

State S-19 #007
API# 30-015-29965
Eddy County, NM
Site Map

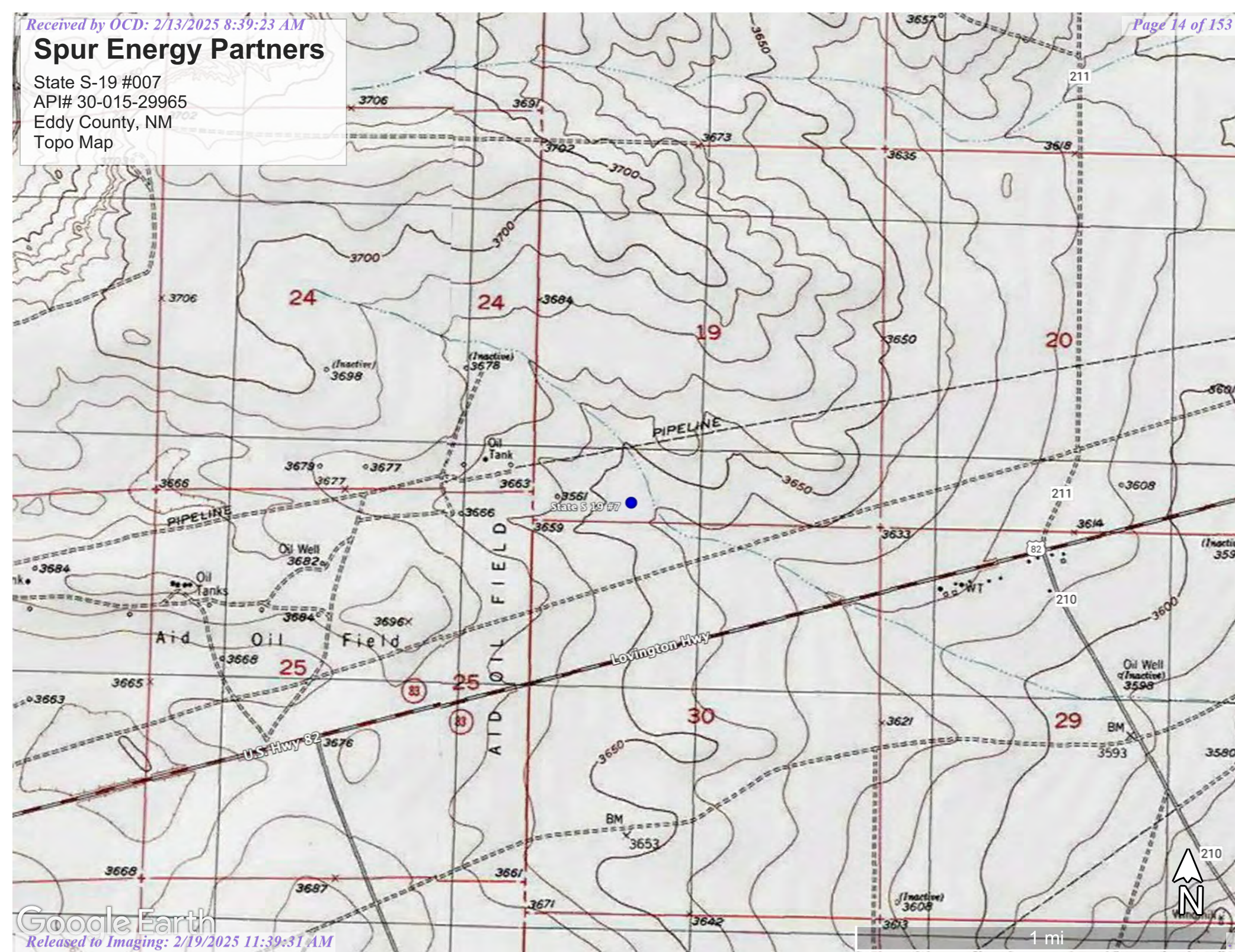
Legend

-  4' Excavation 3050 S/F Area
-  Sample
-  Spill Area



Spur Energy Partners

State S-19 #007
API# 30-015-29965
Eddy County, NM
Topo Map



Spur Energy Partners

State S-19 #007
API# 30-015-29965
Eddy County, NM
Karst Map

Legend

- High
- Low
- Medium

State S 19 #7

Lovington Hwy

U.S. Hwy 82

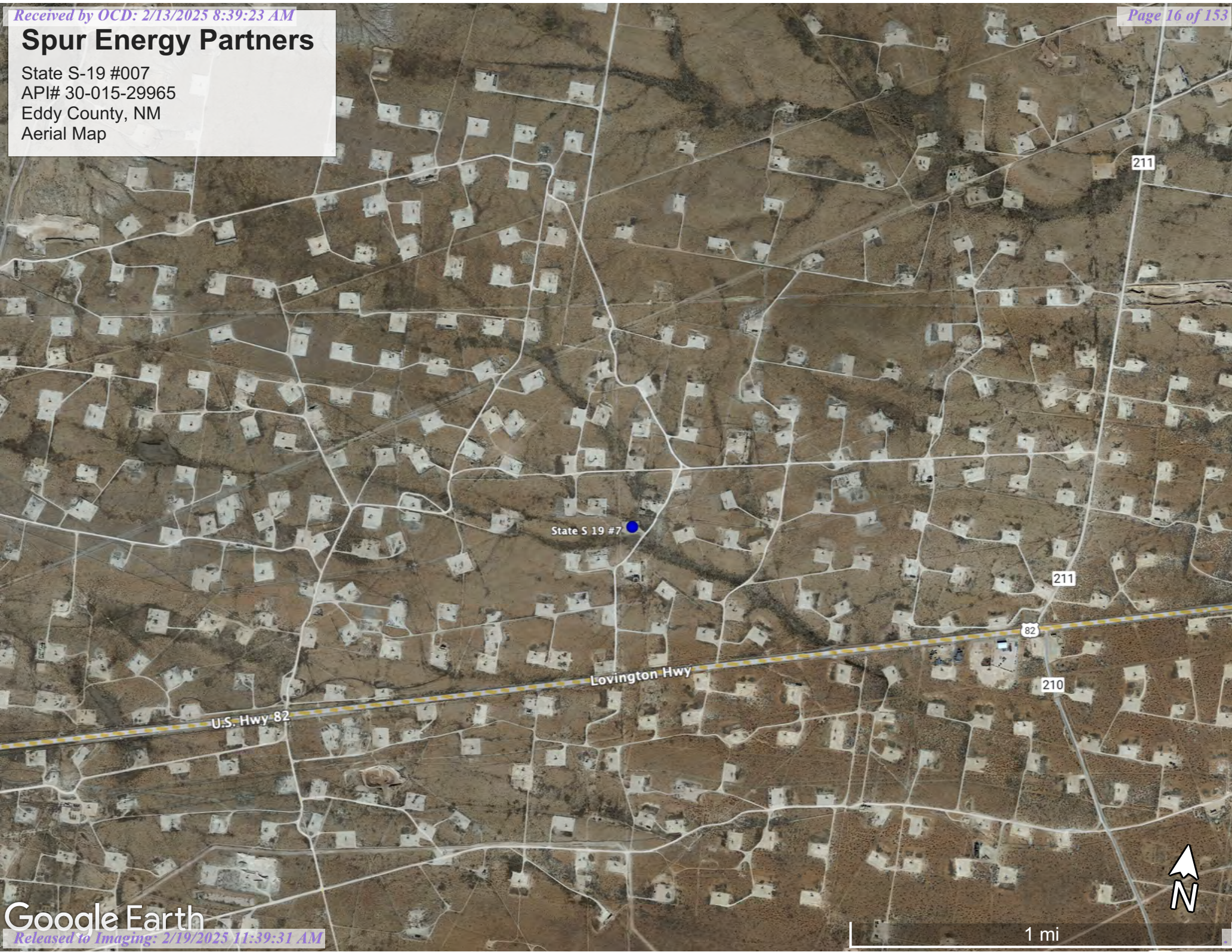
Google Earth

3000 ft



Spur Energy Partners

State S-19 #007
API# 30-015-29965
Eddy County, NM
Aerial Map



State S 19 #7

U.S. Hwy 82

Lovington Hwy

211

211

82

210



1 mi

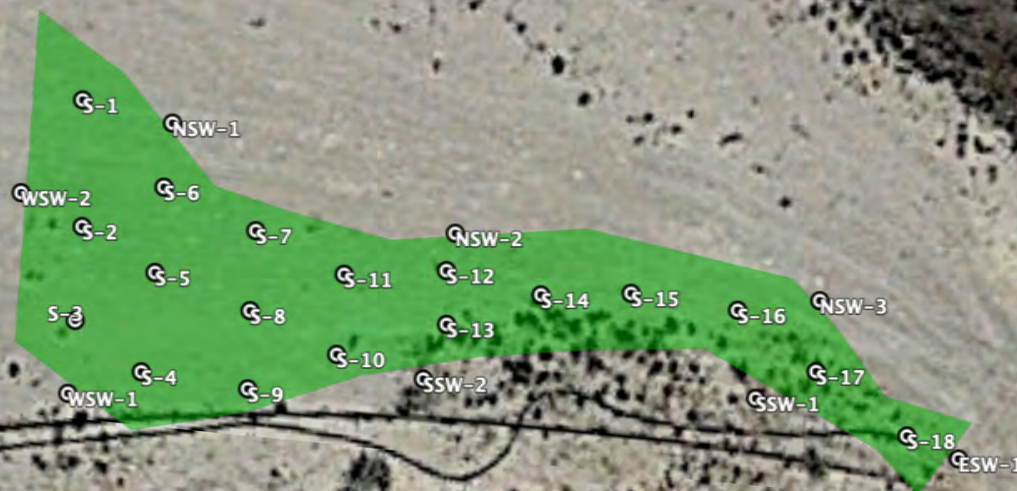
Spur Energy Partners

State S-19 #007
API# 30-015-29965
Eddy County, NM
Confirmaiton Sample Map

Legend

- 4' Excavation 3050 S/F Area
- Samples

RA-13395 POD 1 (TW-1)



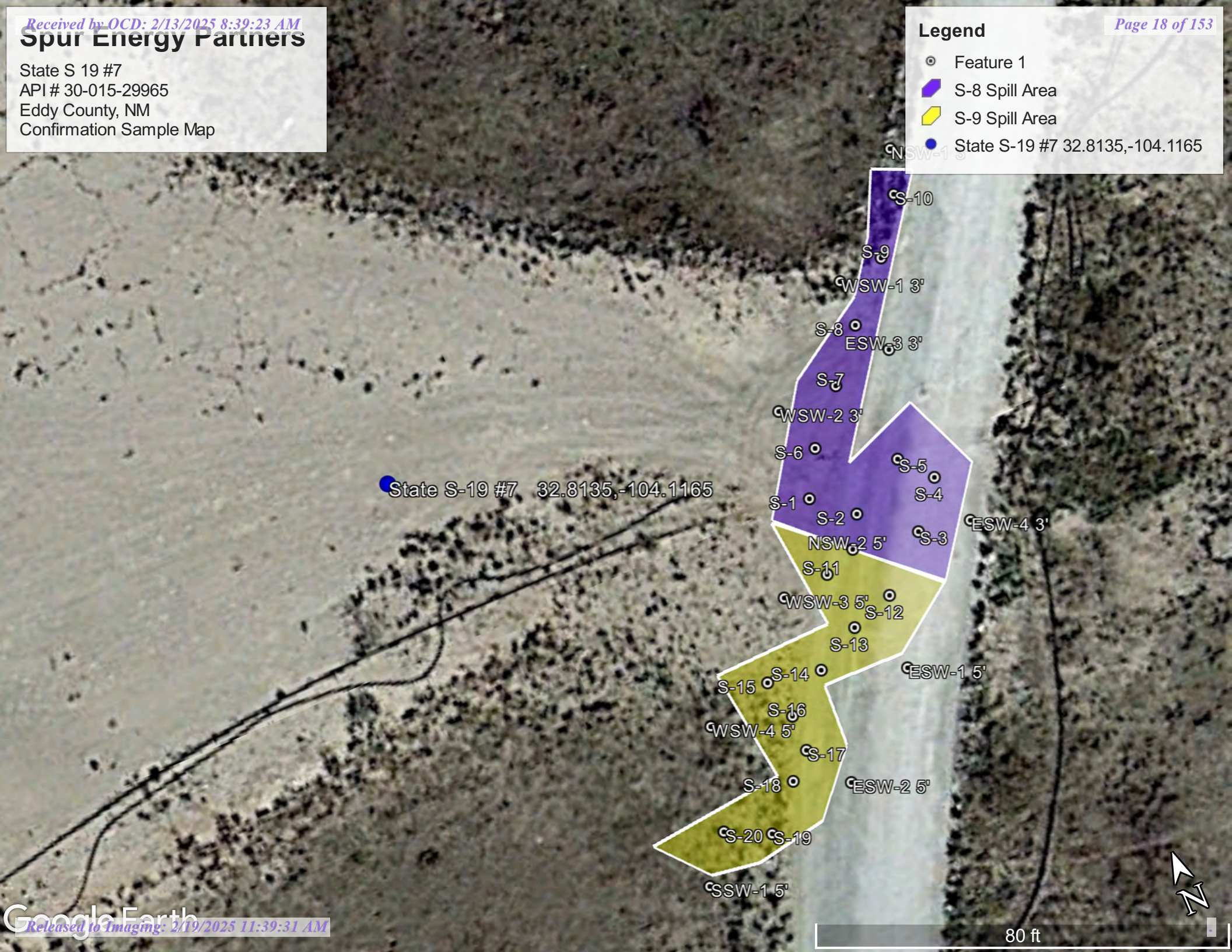
100 ft

Spur Energy Partners

State S 19 #7
API # 30-015-29965
Eddy County, NM
Confirmation Sample Map

Legend

- Feature 1
- S-8 Spill Area
- S-9 Spill Area
- State S-19 #7 32.8135,-104.1165



Spur Energy Partners

State S-19 #007
API# 30-015-29965
Eddy County, NM
Groundwater Map

Legend

● RA-13395 POD 1 (TW-1)

RA-13395 POD 1 (TW-1)
State S-19 #7



900 ft



Appendix A
Referenced Water Data:

New Mexico State of Engineers Office



New Mexico Office of the State Engineer


Water Column/Average Depth to Water

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

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

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

(In feet)

POD Number	POD										Water					
	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y		Distance	Depth	Well	Depth	Water
RA 13395 POD1	RA	ED	3	4	3	19	17S	29E	582669	3630991		25				

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

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 582656.205 **Northing (Y):** 3630969.944 **Radius:** 1500

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

2/28/24 12:08 PM

WATER COLUMN/ AVERAGE DEPTH TO
WATER



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

November 17, 2023

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record RA-13395 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, RA-13395 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

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

Lucas Middleton

Enclosures: as noted above

FILED OCT 17 2023 PM 10:40



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER


www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). RA-13395			
	WELL OWNER NAME(S) Energy				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 919 Milam St Ste 2475				CITY Houston	STATE TX	ZIP 77002	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 32	SECONDS 48	49.73	N		
		LONGITUDE	104	7	0.87	W		
* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Sec. 19 T17S R29E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 11/8/2023	DRILLING ENDED 11/8/2023	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±102	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 11/16/2023		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER – SPECIFY: Hollow Stem Auger					CHECK HERE IF FITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0	102	±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, fine-grained, poorly graded, dark brown	Y ✓ N	
	4	50	46	Sand, fine-grained, poorly graded, tan	Y ✓ N	
	50	102	52	Sand, fine-grained, poorly graded, with sub-rounded gravel 0.25" reddish-brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:						
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. <div style="text-align: right; color: blue;">CCE OF NOV 17 2023 11:40</div>					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: <div style="display: flex; justify-content: space-between;"> <div>  SIGNATURE OF DRILLER / PRINT SIGNED NAME </div> <div> Jackie D. Atkins DATE </div> <div> 11/17/2023 </div> </div>					

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: RA-13395 POD-1

Well owner: Spur Energy Partners LLC

Phone No.: 575-441-8619

Mailing address: 919 Milam St Ste 2475

City: Houston State: TX Zip code: 77002

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/25
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Lucas Middleton, Lupe Leyba
- 4) Date well plugging began: 11/16/2023 Date well plugging concluded: 11/16/2023
- 5) GPS Well Location: Latitude: 32 deg, 48 min, 49.73 sec
Longitude: 104 deg, 7 min, 0.87 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 102 ft below ground level (bgl),
by the following manner: weighted tape
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 11/3/2023
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

PLUGGED NOV 17 2023 #10140

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0-10'	Hydrated Bentonite	Approx. 15 gallons	15 gallons	Augers	
10'-102'	Drill Cuttings	Approx. 145 gallons	145 gallons	Boring	

0000 OCT NOV 17 2023 AM 10:40

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

III. SIGNATURE:

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins

Signature of Well Driller

11/17/2023

Date






1115RA-13395-Well Record-forsign1

Final Audit Report

2023-11-17

Created:	2023-11-17
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAlzcynkhe70o6FEdlKmo6jX4ZtPrcG6qC

"1115RA-13395-Well Record-forsign1" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2023-11-17 - 5:00:36 PM GMT- IP address: 24.40.85.191
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2023-11-17 - 5:01:23 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2023-11-17 - 5:13:08 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2023-11-17 - 5:14:57 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2023-11-17 - 5:14:57 PM GMT

USE BY NOV 17 2023 4:10:40



Adobe Acrobat Sign



Appendix B
Soil Survey:

U.S.D.A.

FEMA Flood Map

Map Unit Description: Simona gravelly fine sandy loam, 0 to 3 percent slopes---Eddy Area,
New Mexico

Eddy Area, New Mexico

SG—Simona gravelly fine sandy loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5w

Elevation: 2,750 to 5,000 feet

Mean annual precipitation: 8 to 16 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 95 percent

Minor components: 5 percent

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

Description of Simona

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam

H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low
to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0
mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D

Ecological site: R070BD002NM - Shallow Sandy

Map Unit Description: Simona gravelly fine sandy loam, 0 to 3 percent slopes---Eddy Area,
New Mexico

Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 4 percent

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Playa

Percent of map unit: 1 percent

Landform: Playas

Landform position (three-dimensional): Talf

Down-slope shape: Concave, convex

Across-slope shape: Concave, linear

Ecological site: R070BC017NM - Bottomland

Hydric soil rating: Yes

Data Source Information

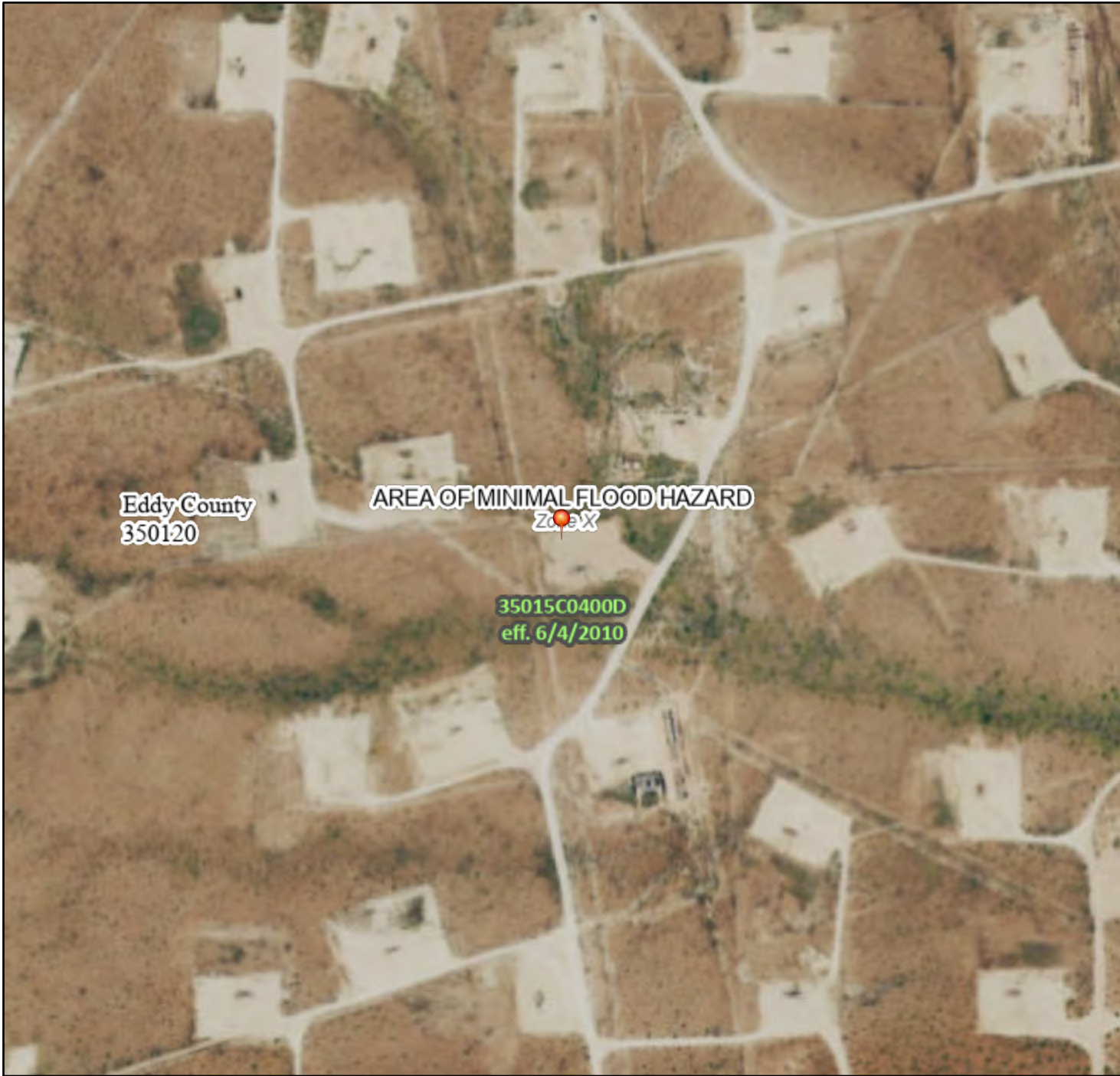
Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 19, Sep 7, 2023

National Flood Hazard Layer FIRMette



104°7'21"W 32°49'4"N



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

1:6,000

104°6'44"W 32°48'34"N

Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/28/2024 at 2:05 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.



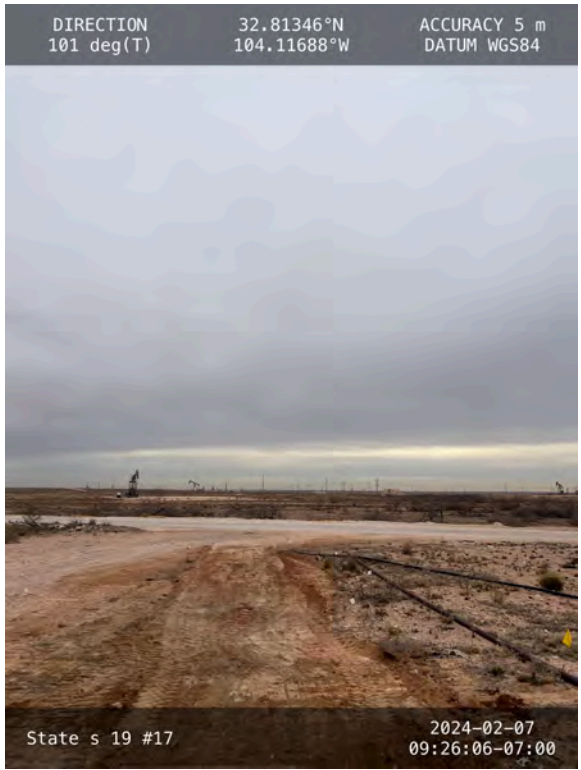
Appendix C:

Photographic Documentation

OCD Notification



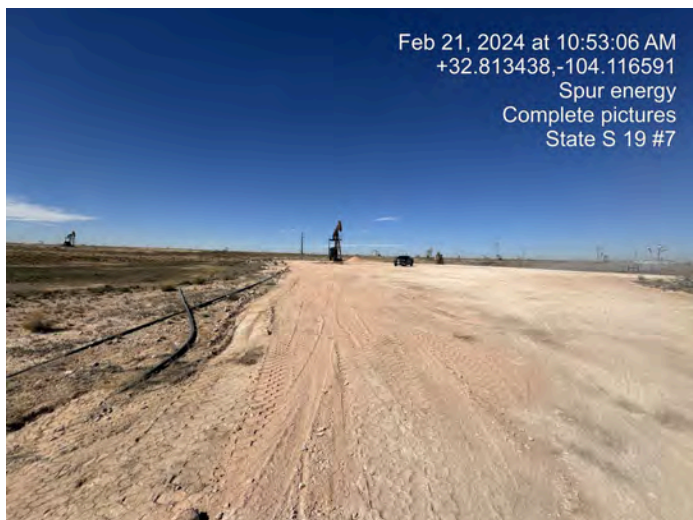
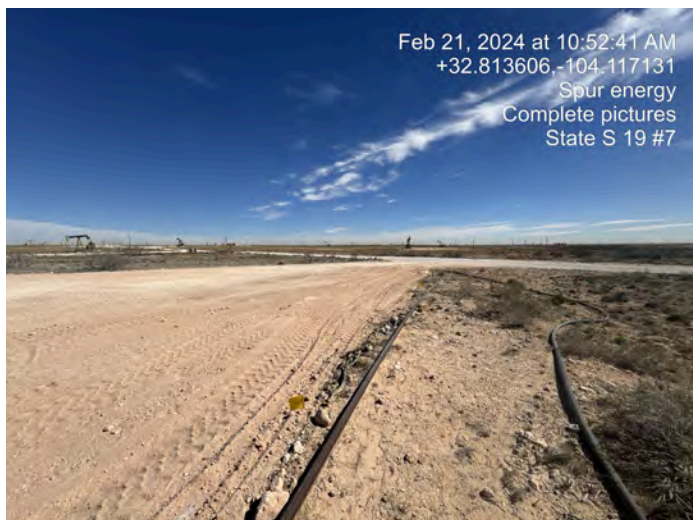
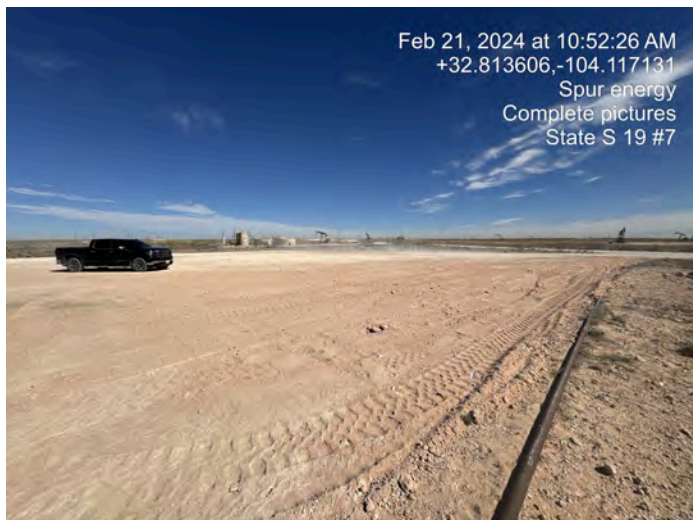
Photographic Documentation
(On-Pad) Before Remediation



During Remediation

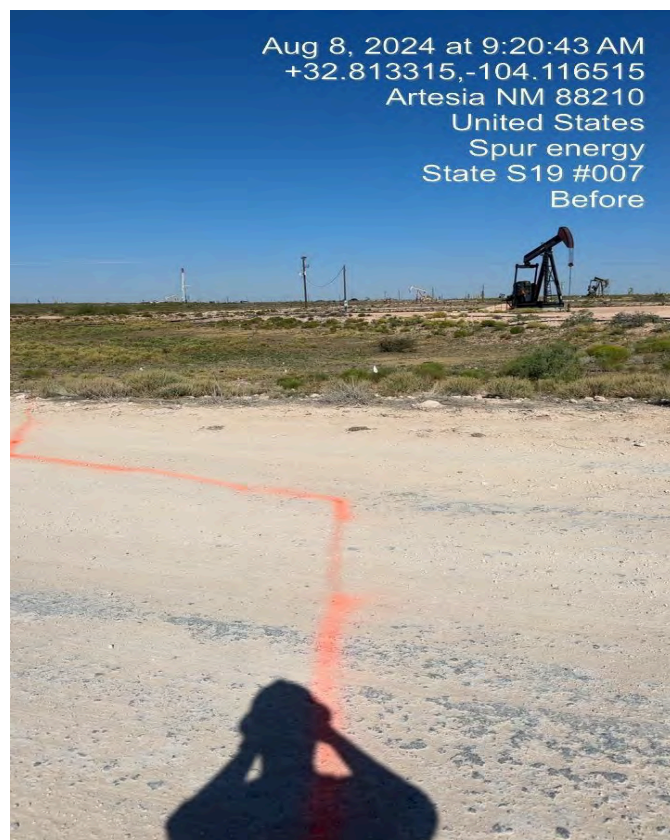
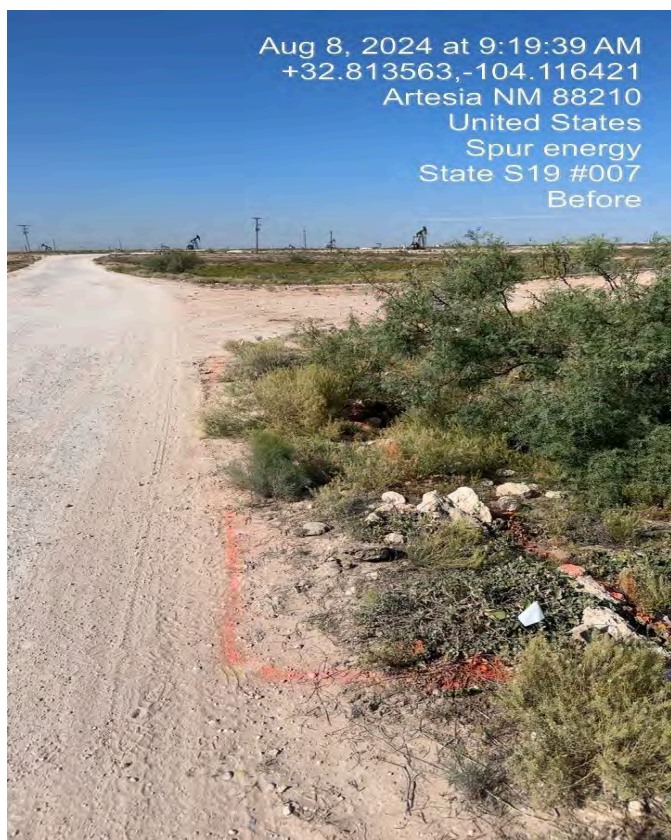
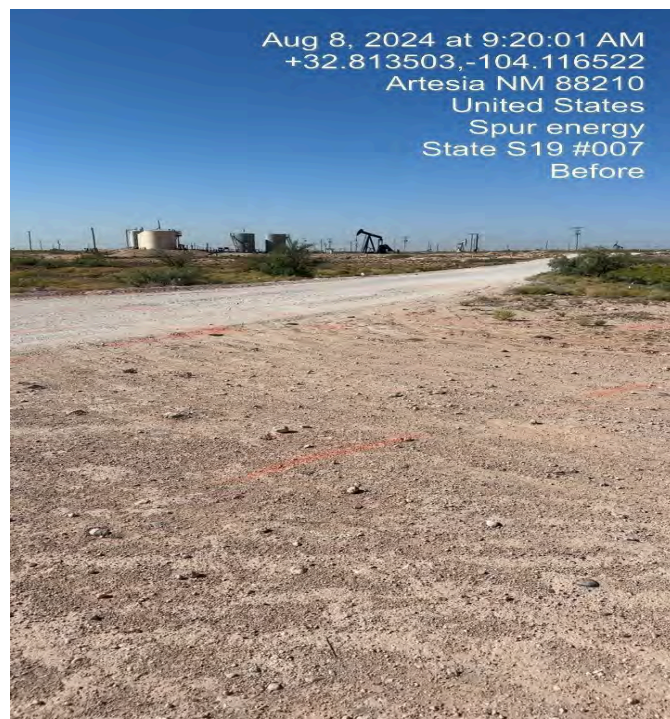
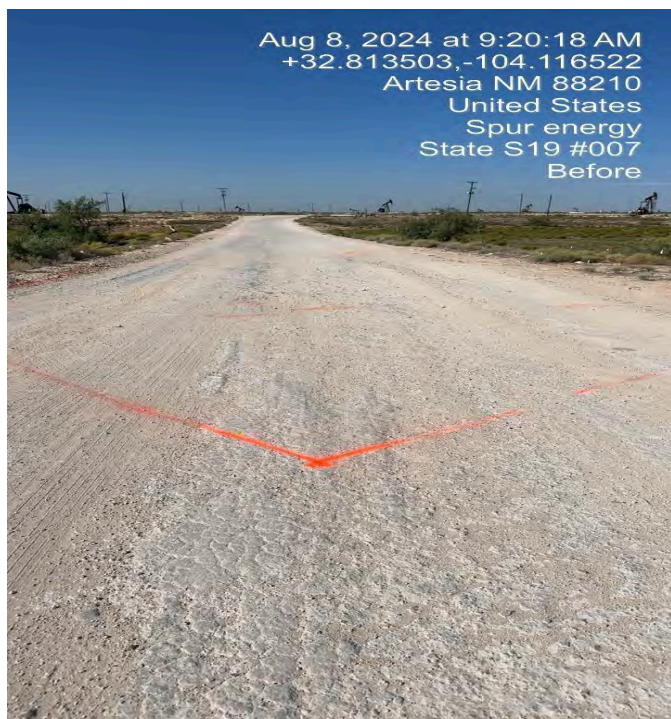


Post Remediation

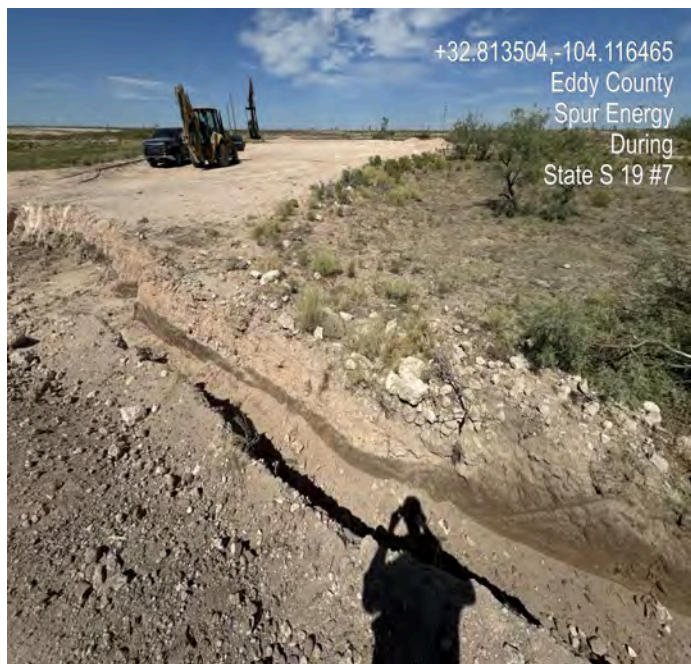




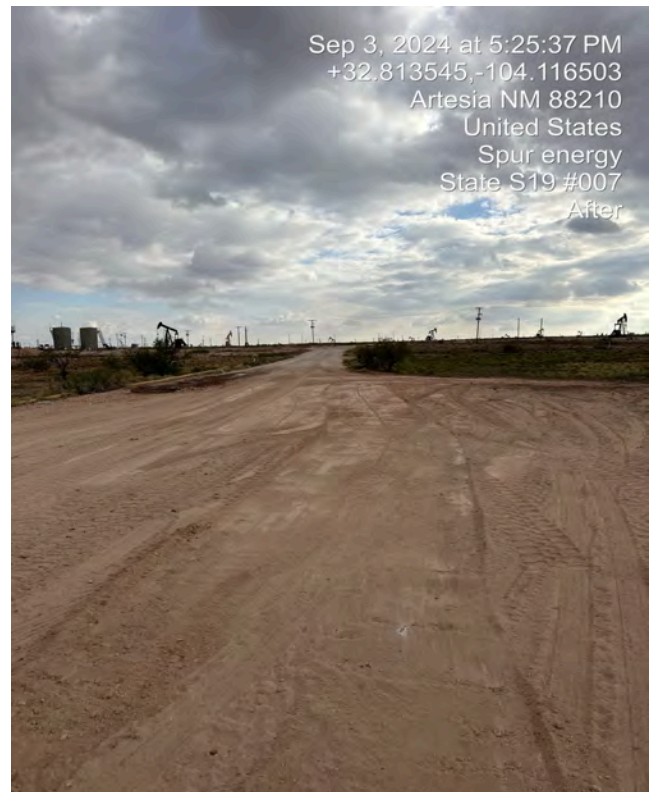
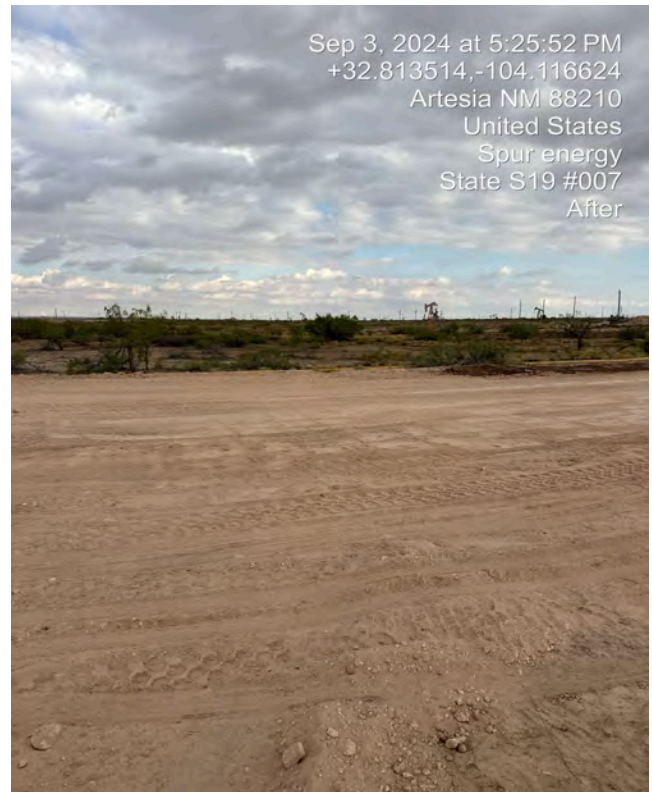
**S-8 & S-9 Photographic Documentation
Before**



During



Completed



Monday, February 12, 2024 at 11:29:44 Central Standard Time

Subject: The Oil Conservation Division (OCD) has accepted the application,
Application ID: 313315

Date: Monday, February 12, 2024 at 9:06:02 AM Central Standard Time

From: OCDOnline@state.nm.us

To: chris@paragonenvironmental.net

To whom it may concern (c/o Chris Jones for Paragon Environmental LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N),
for incident ID (n#) nAPP2316443375.

The sampling event is expected to take place:

When: 02/14/2024 @ 08:30

Where: N-19-17S-29E 0 FNL 0 FEL (32.81369,-104.11737)

Additional Information: Jeremy Maner 575-602-4231

Additional Instructions: GPS 32.81369,-104.11737

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



OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

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

Submission Information

Submission ID:	372220	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , STATE S-19 #007 POLY LINE , nAPP2316443375		
Status:	APPROVED		
Status Date:	08/09/2024		
References (2):	30-015-29965, nAPP2316443375		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2316443375
Incident Name	NAPP2316443375 STATE S-19 #007 POLY LINE @ 30-015-29965
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-29965] STATE S 19 #007

Location of Release Source

Site Name	STATE S-19 #007 POLY LINE
Date Release Discovered	06/10/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	4,950
What is the estimated number of samples that will be gathered	21
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/14/2024
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	575-605-0773
Please provide any information necessary for navigation to sampling site	(32.8136944, -104.1173611)

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	apena (8/9/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
----------	---

Reasons

No reasons found for this submission.

Go Back



OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

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

Submission Information

Submission ID:	379804	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , STATE S-19 #007 POLY LINE , nAPP2316443375		
Status:	APPROVED		
Status Date:	09/02/2024		
References (2):	30-015-29965, nAPP2316443375		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2316443375
Incident Name	NAPP2316443375 STATE S-19 #007 POLY LINE @ 30-015-29965
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-29965] STATE S 19 #007

Location of Release Source

Site Name	STATE S-19 #007 POLY LINE
Date Release Discovered	06/10/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	20
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/05/2024
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Angel Pena 575-605-0773
Please provide any information necessary for navigation to sampling site	Latitude 32.81369 Longitude -104.11737

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	apena (9/2/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
----------	---

Reasons

No reasons found for this submission.

Go Back



Appendix D:
Laboratory Results



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

December 22, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: STATE S-19 #7

Enclosed are the results of analyses for samples received by the laboratory on 12/19/23 9:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 1 0-6" (H236751-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTX	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3720	16.0	12/21/2023	ND	464	116	400	7.14		

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	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 1 4' (H236751-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07		
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7440	16.0	12/21/2023	ND	464	116	400	7.14		

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	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 2 0-6" (H236751-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEx	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6960	16.0	12/21/2023	ND	464	116	400	7.14		

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	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 2 3' (H236751-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEx	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	12/21/2023	ND	464	116	400	7.14		

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	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 3 0-6" (H236751-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07		
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63		
Total BTEx	<0.300	0.300	12/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 3 3' (H236751-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07		
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 4 0-6" (H236751-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEx	<0.300	0.300	12/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16800	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 4 4' (H236751-08)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEx	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	12/20/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 5 0-6" (H236751-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07		
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8000	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 5 4' (H236751-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEx	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	12/20/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 6 0-6" (H236751-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07		
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63		
Total BTEx	<0.300	0.300	12/20/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6320	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 6 3' (H236751-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.45	123	2.00	4.07		
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 7 0-6" (H236751-13)

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	12/20/2023	ND	2.45	123	2.00	4.07	
Toluene*	<0.050	0.050	12/20/2023	ND	2.32	116	2.00	0.0634	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.38	119	2.00	1.28	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	7.19	120	6.00	1.63	
Total BTEx	<0.300	0.300	12/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	22000	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 7 4' (H236751-14)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTX	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 8 0-6" (H236751-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTX	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9600	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 8 3' (H236751-16)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTX	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 9 0-6" (H236751-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 9 4' (H236751-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 10 0-6" (H236751-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45	
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972	
Total BTEx	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/20/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	184	92.2	200	3.65	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	174	86.8	200	0.100	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 10 3' (H236751-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	194	96.8	200	2.61	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	188	94.1	200	0.0579	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: HZ 1 - SURFACE (H236751-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	194	96.8	200	2.61	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	188	94.1	200	0.0579	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: HZ 2 - SURFACE (H236751-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	194	96.8	200	2.61	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	188	94.1	200	0.0579	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 54.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: HZ 3 - SURFACE (H236751-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	194	96.8	200	2.61	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	188	94.1	200	0.0579	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: HZ 4 - SURFACE (H236751-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/20/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	194	96.8	200	2.61	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	188	94.1	200	0.0579	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: HZ 5 - SURFACE (H236751-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	194	96.8	200	2.61	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	188	94.1	200	0.0579	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: HZ 6 - SURFACE (H236751-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	12/21/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	194	96.8	200	2.61	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	188	94.1	200	0.0579	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: HZ 7 - SURFACE (H236751-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45		
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74		
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71		
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972		
Total BTEx	<0.300	0.300	12/20/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/22/2023	ND	194	96.8	200	2.61	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	188	94.1	200	0.0579	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 12/19/2023
Reported: 12/22/2023
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 12/18/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: HZ 8 - SURFACE (H236751-28)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/20/2023	ND	2.21	111	2.00	1.45	
Toluene*	<0.050	0.050	12/20/2023	ND	2.23	112	2.00	1.74	
Ethylbenzene*	<0.050	0.050	12/20/2023	ND	2.22	111	2.00	1.71	
Total Xylenes*	<0.150	0.150	12/20/2023	ND	6.60	110	6.00	0.972	
Total BTEx	<0.300	0.300	12/20/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/21/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/20/2023	ND	194	96.8	200	2.61	
DRO >C10-C28*	<10.0	10.0	12/20/2023	ND	188	94.1	200	0.0579	
EXT DRO >C28-C36	<10.0	10.0	12/20/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs State: NM zip: 88240 Phone #: 575-964-7814 Fax #: Project #: Project Name: State S-19 #7 Project Location: Eddy County Sampler Name: Jeremy Mader				P.O. #: Company: Spur Attn: Brady Molder Address: City: State: zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
FOR LAB USE ONLY Lab I.D. H236751 Sample I.D. S-1 0.6" 9 (G)RAB OR (C)OMP. S-1 4' # CONTAINERS S-2 0.6" GROUNDWATER S-2 3.3 WASTEWATER S-3 0.6" SOIL S-4 0.6" OIL S-4 2' SLUDGE S-5 0.6" OTHER: S-5 4' ACID/BASE: ICE / COOL OTHER:				MATRIX PRESERV SAMPLING DATE 12/18/23 TIME TDH - Ext Chlorides B-Tex			
PLEASE NOTE: Liability and Damages. Contract'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 the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, resulting out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.				Relinquished By: [Signature] Date: 12-19-23 Received By: [Signature] Date: 12-19-23 Time: Relinquished By: [Signature] Date: Time:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -9.2c Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes Yes No No CHECKED BY: [Signature] REMARKS:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST																							
Project Manager: Chris Jones																													
Address: 1601 N. Turner St., Ste 500																													
City: Hobbs		State: NM		Zip: 88240		Company: Sour																							
Phone #: 575-964-7814		Fax #:				Attn: Brady Molder																							
Project #:		Project Owner:				Address:																							
Project Name: State 519 #7		City:				State:		Zip:																					
Project Location: Eddy County		Phone #:				Fax #:																							
Sampler Name: Jeremy Mauer																													
FOR LAB USE ONLY																													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE		ICE / COOL		OTHER :		DATE		TIME	
H236751		S-6		0.6"		5																				12/18/23			
12		S-6		3'																									
13		S-7		0.6"																									
14		S-7		4'																									
15		S-8		0.6"																									
16		S-8		3'																									
17		S-9		0.6"																									
18		S-9		4'																									
19		S-10		0.6"																									
20		S-10		3'																									
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 the client for the service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																													
Relinquished By:		Date: 12-19-23		Time: 0955		Received By:		Date: 12-19-23		Time: 0955		CHECKED BY: (Initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:		REMARKS:							
Relinquished By:						Received By:																							
Delivered By: (Circle One)		Sample Condition		Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																							
Sampler - UPS - Bus - Other: -9.2c		#146																											

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental				BILL TO				ANALYSIS REQUEST													
Project Manager: Cason Spurlock				P.O. #:																	
Address: 5002 Carriage Rd																					
City: Hobbs				State: NM				Company: Spar													
Phone #: 575-631-6977				Fax #:				Attn: Brady Molder													
Project #:				Project Owner:				Address:													
Project Name: State-S-19 #7				City:																	
Project Location: Eddy County				State:				Zip:													
Sampler Name: Jacoby Molder				Phone #:																	
FOR LAB USE ONLY				Fax #:																	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP		# CONTAINERS	MATRIX			PRESERV	SAMPLING										
							GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
H236751	21	H121 - Surface	9													12/18/23		TPH - Ext Chlorides B-Tex			
22	H122 - Surface																				
23	H123 - Surface																				
24	H124 - Surface																				
25	H125 - Surface																				
26	H126 - Surface																				
27	H127 - Surface																				
28	H128 - Surface																				

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Relinquished By: [Signature]		Date: 12-19-23		Received By: [Signature]		Date: 12-19-23	
Relinquished By: [Signature]		Date: 12-19-23		Received By: [Signature]		Date: 12-19-23	
Time:		Time:		Time:		Time:	

Delivered By: (Circle One) ☒ UPS ☐ Bus ☐ Other: _____

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

February 20, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: STATE S-19 #7

Enclosed are the results of analyses for samples received by the laboratory on 02/15/24 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: NSW - 1 4' (H240745-01)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/16/2024	ND	1.89	94.7	2.00	13.0		
Toluene*	<0.050	0.050	02/16/2024	ND	1.79	89.4	2.00	17.1		
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	1.81	90.5	2.00	18.4		
Total Xylenes*	<0.150	0.150	02/16/2024	ND	5.33	88.9	6.00	18.4		
Total BTX	<0.300	0.300	02/16/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/16/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: NSW - 2 4' (H240745-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	1.89	94.7	2.00	13.0	
Toluene*	<0.050	0.050	02/16/2024	ND	1.79	89.4	2.00	17.1	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	1.81	90.5	2.00	18.4	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	5.33	88.9	6.00	18.4	
Total BTX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: NSW - 3 4' (H240745-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/16/2024	ND	1.89	94.7	2.00	13.0		
Toluene*	<0.050	0.050	02/16/2024	ND	1.79	89.4	2.00	17.1		
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	1.81	90.5	2.00	18.4		
Total Xylenes*	<0.150	0.150	02/16/2024	ND	5.33	88.9	6.00	18.4		
Total BTEX	<0.300	0.300	02/16/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/16/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: ESW - 1 4' (H240745-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/16/2024	ND	1.89	94.7	2.00	13.0	
Toluene*	<0.050	0.050	02/16/2024	ND	1.79	89.4	2.00	17.1	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	1.81	90.5	2.00	18.4	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	5.33	88.9	6.00	18.4	
Total BTX	<0.300	0.300	02/16/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/16/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SSW - 1 4' (H240745-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2024	ND	1.89	94.7	2.00	13.0	
Toluene*	<0.050	0.050	02/17/2024	ND	1.79	89.4	2.00	17.1	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.81	90.5	2.00	18.4	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.33	88.9	6.00	18.4	
Total BTX	<0.300	0.300	02/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SSW - 2 4' (H240745-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	1.89	94.7	2.00	13.0		
Toluene*	<0.050	0.050	02/17/2024	ND	1.79	89.4	2.00	17.1		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.81	90.5	2.00	18.4		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.33	88.9	6.00	18.4		
Total BTEx	<0.300	0.300	02/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: WSW - 1 4' (H240745-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	1.89	94.7	2.00	13.0		
Toluene*	<0.050	0.050	02/17/2024	ND	1.79	89.4	2.00	17.1		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.81	90.5	2.00	18.4		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.33	88.9	6.00	18.4		
Total BTX	<0.300	0.300	02/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	02/16/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: WSW - 2 4' (H240745-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	2.02	101	2.00	11.9		
Toluene*	<0.050	0.050	02/17/2024	ND	1.99	99.6	2.00	12.7		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.97	98.4	2.00	12.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.99	99.9	6.00	11.0		
Total BTEx	<0.300	0.300	02/17/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 1 4' (H240745-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	2.02	101	2.00	11.9		
Toluene*	<0.050	0.050	02/17/2024	ND	1.99	99.6	2.00	12.7		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.97	98.4	2.00	12.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.99	99.9	6.00	11.0		
Total BTX	<0.300	0.300	02/17/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/16/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 2 4' (H240745-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	2.02	101	2.00	11.9		
Toluene*	<0.050	0.050	02/17/2024	ND	1.99	99.6	2.00	12.7		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.97	98.4	2.00	12.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.99	99.9	6.00	11.0		
Total BTEX	<0.300	0.300	02/17/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	02/16/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 3 4' (H240745-11)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2024	ND	2.02	101	2.00	11.9	
Toluene*	<0.050	0.050	02/17/2024	ND	1.99	99.6	2.00	12.7	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.97	98.4	2.00	12.3	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.99	99.9	6.00	11.0	
Total BTEx	<0.300	0.300	02/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	02/16/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 4 4' (H240745-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	2.02	101	2.00	11.9		
Toluene*	<0.050	0.050	02/17/2024	ND	1.99	99.6	2.00	12.7		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.97	98.4	2.00	12.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.99	99.9	6.00	11.0		
Total BTEx	<0.300	0.300	02/17/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	02/19/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 5 4' (H240745-13)

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	02/17/2024	ND	2.02	101	2.00	11.9	
Toluene*	<0.050	0.050	02/17/2024	ND	1.99	99.6	2.00	12.7	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.97	98.4	2.00	12.3	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.99	99.9	6.00	11.0	
Total BTEX	<0.300	0.300	02/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	02/19/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 70.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 6 4' (H240745-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	2.02	101	2.00	11.9		
Toluene*	<0.050	0.050	02/17/2024	ND	1.99	99.6	2.00	12.7		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.97	98.4	2.00	12.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.99	99.9	6.00	11.0		
Total BTEx	<0.300	0.300	02/17/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/19/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 7 4' (H240745-15)

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	02/17/2024	ND	2.02	101	2.00	11.9		
Toluene*	<0.050	0.050	02/17/2024	ND	1.99	99.6	2.00	12.7		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.97	98.4	2.00	12.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.99	99.9	6.00	11.0		
Total BTEx	<0.300	0.300	02/17/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	02/19/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 8 4' (H240745-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2024	ND	2.02	101	2.00	11.9	
Toluene*	<0.050	0.050	02/17/2024	ND	1.99	99.6	2.00	12.7	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.97	98.4	2.00	12.3	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.99	99.9	6.00	11.0	
Total BTX	<0.300	0.300	02/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/19/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 9 4' (H240745-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/17/2024	ND	2.02	101	2.00	11.9	
Toluene*	<0.050	0.050	02/17/2024	ND	1.99	99.6	2.00	12.7	
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.97	98.4	2.00	12.3	
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.99	99.9	6.00	11.0	
Total BTEx	<0.300	0.300	02/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	02/19/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 10 4' (H240745-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	1.99	99.5	2.00	10.6		
Toluene*	<0.050	0.050	02/17/2024	ND	1.97	98.5	2.00	10.6		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.96	97.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.70	95.0	6.00	10.4		
Total BTX	<0.300	0.300	02/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/19/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 11 4' (H240745-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	1.99	99.5	2.00	10.6		
Toluene*	<0.050	0.050	02/17/2024	ND	1.97	98.5	2.00	10.6		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.96	97.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.70	95.0	6.00	10.4		
Total BTEx	<0.300	0.300	02/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/19/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 12 4' (H240745-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	1.99	99.5	2.00	10.6		
Toluene*	<0.050	0.050	02/17/2024	ND	1.97	98.5	2.00	10.6		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.96	97.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.70	95.0	6.00	10.4		
Total BTEx	<0.300	0.300	02/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/19/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	210	105	200	0.876	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	195	97.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 13 4' (H240745-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	1.99	99.5	2.00	10.6		
Toluene*	<0.050	0.050	02/17/2024	ND	1.97	98.5	2.00	10.6		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.96	97.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.70	95.0	6.00	10.4		
Total BTEx	<0.300	0.300	02/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/19/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	210	105	200	0.876	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	195	97.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 14 4' (H240745-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	1.99	99.5	2.00	10.6		
Toluene*	<0.050	0.050	02/17/2024	ND	1.97	98.5	2.00	10.6		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.96	97.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.70	95.0	6.00	10.4		
Total BTEx	<0.300	0.300	02/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/19/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	210	105	200	0.876	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	195	97.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 15 4' (H240745-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	1.99	99.5	2.00	10.6		
Toluene*	<0.050	0.050	02/17/2024	ND	1.97	98.5	2.00	10.6		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.96	97.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.70	95.0	6.00	10.4		
Total BTEx	<0.300	0.300	02/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	02/19/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	210	105	200	0.876	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	195	97.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/15/2024
Reported: 02/20/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 02/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: S - 16 4' (H240745-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/17/2024	ND	1.99	99.5	2.00	10.6		
Toluene*	<0.050	0.050	02/17/2024	ND	1.97	98.5	2.00	10.6		
Ethylbenzene*	<0.050	0.050	02/17/2024	ND	1.96	97.9	2.00	10.3		
Total Xylenes*	<0.150	0.150	02/17/2024	ND	5.70	95.0	6.00	10.4		
Total BTEx	<0.300	0.300	02/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/19/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/16/2024	ND	210	105	200	0.876	
DRO >C10-C28*	<10.0	10.0	02/16/2024	ND	195	97.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	02/16/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST																			
Project Manager: Chris Jones		P.O. #:																					
Address: 1601 N. Turner St., Ste 500		Company: Spuy																					
City: Hobbs		Attn: Buckey Wilder																					
State: NM zip: 88240		Address:																					
Phone #: 575-964-7814		City:																					
Fax #:		State:																					
Project #: 514 #7		Zip:																					
Project Name: State 514 #7		Phone #:																					
Project Location: Edm		Fax #:																					
Sampler Name: Ben Davis																							
FOR LAB USE ONLY																							
Sample I.D.		(G)RAB OR (C)OMP.		MATRIX		PRESERV.		SAMPLING															
Lab I.D. H2410745		# CONTAINERS		GROUNDWATER		WASTEWATER		DATE		TIME													
1 NSW.1 4'		C		SOIL		SLUDGE		02/15				TPH Ext											
2 NSW.2 4'				OTHER:		ACID/BASE:						BTEX											
3 NSW.3 4'				ICE / COOL		OTHER:						Chlorides											
4 ESW.1 4'																							
5 SSW.1 4'																							
6 SSW.2 4'																							
7 WSW.1 4'																							
8 WSW.2 4'																							
9 S.1 4'																							
10 S.2 4'																							
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Relinquished By: Ben		Date: 2/14/24		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:															
Relinquished By: [Signature]		Time: 16:20		Received By: [Signature]		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:															
Time:																							
Delivered By: (Circle One) 1.8oz		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) [Signature]																			
Sampler - UPS - Bus - Other: #140																							
REMARKS: Email results to Ben's mom.																							

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



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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 Name: Paragon Environmental					
Project Manager: Chris Jones					
Address: 1601 N. Turner St., Ste 500					
City: Hobbs State: NM zip: 88240					
Phone #: 575-964-7814 Fax #:					
Project #:					
Project Owner: Spay					
Project Name: State S 19# 7					
Project Location: Edley					
Sample Name: Ben Davis					
FOR LAB USE ONLY					
H440745 Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV. DATE TIME	SAMPLING
11	s. 3	4'	C	02/15	TPH Ext.
12	s. 4	4'			BTEX
13	s. 5	4'			Chlorides
14	s. 6	4'			
15	s. 7	4'			
16	s. 8	4'			
17	s. 9	4'			
18	s. 10	4'			
19	s. 11	4'			
20	s. 12	4'			

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Relinquished By: [Signature]
Date: 8/14/24
Time: 16:20
Received By: [Signature]

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: A14D
Sample Condition Cool Intact Yes No
Checked BY: [Signature] (initials)

Remarks: Email results to Chris Jones



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO										ANALYSIS REQUEST									
Project Manager: Chris Jones																							
Address: 1601 N. Turner St., Ste 500		Company: Spur																					
City: Hobbs		Attn: Brady Molder																					
Phone #: 575-964-7814		Address:																					
Project #:		City:																					
Project Name: State 519 #7		State: Zip:																					
Project Location: Eddy County		Phone #:																					
Sample Name: Hobbs Ben Davis		Fax #:																					
FOR LAB USE ONLY																							
Sample I.D. H240745 Lab I.D.		(G)RAB OR (C)OMP.		MATRIX		PRESERV.		SAMPLING		DATE		TIME		TPH Ext. BTEX Chlorides									
		# CONTAINERS																					
		GROUNDWATER																					
		WASTEWATER																					
		SOIL																					
		OIL																					
		SLUDGE																					
		OTHER:																					
		ACID/BASE:																					
		ICE / COOL																					
		OTHER:																					
21 S. 15 4'		✓								02/15													
22 S. 14 4'																							
23 S. 15 4'																							
24 S. 14 4'																							
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Relinquished By: Ben Davis		Date: 2/19/24		Received By: [Signature]																			
Relinquished By:		Time: 16:20		Received By:																			
Date:																							
Time:																							
Delivered By: (Circle One)		1.80c		Sample Condition		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: (Initials)															
Sampler - UPS - Bus - Other:		#180		Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>		[Signature]															
REMARKS: Email results to Chris Jones																							
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:																							
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:																							

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

August 30, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: STATE S-19 #7

Enclosed are the results of analyses for samples received by the laboratory on 08/26/24 16:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 3' (H245184-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.95	97.6	2.00	15.1	
Toluene*	<0.050	0.050	08/27/2024	ND	1.97	98.6	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.45	107	6.00	10.1	
Total BTEX	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 3' (H245184-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/27/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.45	107	6.00	10.1		
Total BTEx	<0.300	0.300	08/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 3' (H245184-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/27/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.45	107	6.00	10.1		
Total BTX	<0.300	0.300	08/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 3' (H245184-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/27/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.45	107	6.00	10.1		
Total BTX	<0.300	0.300	08/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 5 3' (H245184-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/27/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.45	107	6.00	10.1		
Total BTEx	<0.300	0.300	08/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 66.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 6 3' (H245184-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/27/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.45	107	6.00	10.1		
Total BTEx	<0.300	0.300	08/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 7 3' (H245184-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/27/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.45	107	6.00	10.1		
Total BTX	<0.300	0.300	08/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 8 3' (H245184-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/27/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.45	107	6.00	10.1		
Total BTEx	<0.300	0.300	08/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 9 3' (H245184-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.95	97.6	2.00	15.1	
Toluene*	<0.050	0.050	08/27/2024	ND	1.97	98.6	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.45	107	6.00	10.1	
Total BTX	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 10 3' (H245184-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/28/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.45	107	6.00	10.1		
Total BTEx	<0.300	0.300	08/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 11 5' (H245184-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/28/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.45	107	6.00	10.1		
Total BTX	<0.300	0.300	08/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 12 5' (H245184-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/28/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.45	107	6.00	10.1		
Total BTX	<0.300	0.300	08/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 13 5' (H245184-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/28/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.45	107	6.00	10.1		
Total BTX	<0.300	0.300	08/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 14 5' (H245184-14)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.95	97.6	2.00	15.1	
Toluene*	<0.050	0.050	08/28/2024	ND	1.97	98.6	2.00	13.0	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	11.0	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.45	107	6.00	10.1	
Total BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 15 5' (H245184-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/28/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.45	107	6.00	10.1		
Total BTX	<0.300	0.300	08/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	207	104	200	0.466	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	210	105	200	2.37	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 16 5' (H245184-16)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/28/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.45	107	6.00	10.1		
Total BTX	<0.300	0.300	08/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 17 5' (H245184-17)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.95	97.6	2.00	15.1		
Toluene*	<0.050	0.050	08/28/2024	ND	1.97	98.6	2.00	13.0		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	11.0		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.45	107	6.00	10.1		
Total BTX	<0.300	0.300	08/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/27/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 18 5' (H245184-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.98	98.8	2.00	4.60		
Toluene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.17	109	2.00	2.02		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.50	108	6.00	2.50		
Total BTEx	<0.300	0.300	08/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 19 5' (H245184-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.98	98.8	2.00	4.60	
Toluene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.17	109	2.00	2.02	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.50	108	6.00	2.50	
Total BTEx	<0.300	0.300	08/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 66.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 20 5' (H245184-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.98	98.8	2.00	4.60		
Toluene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.17	109	2.00	2.02		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.50	108	6.00	2.50		
Total BTEx	<0.300	0.300	08/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 1 3' (H245184-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2024	ND	1.98	98.8	2.00	4.60	
Toluene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.17	109	2.00	2.02	
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.50	108	6.00	2.50	
Total BTEx	<0.300	0.300	08/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 2 5' (H245184-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/27/2024	ND	1.98	98.8	2.00	4.60		
Toluene*	<0.050	0.050	08/27/2024	ND	2.08	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	08/27/2024	ND	2.17	109	2.00	2.02		
Total Xylenes*	<0.150	0.150	08/27/2024	ND	6.50	108	6.00	2.50		
Total BTEx	<0.300	0.300	08/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	08/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 1 3' (H245184-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.98	98.8	2.00	4.60	
Toluene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.17	109	2.00	2.02	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.50	108	6.00	2.50	
Total BTEx	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 2 3' (H245184-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.98	98.8	2.00	4.60	
Toluene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.17	109	2.00	2.02	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.50	108	6.00	2.50	
Total BTEx	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 3 5' (H245184-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.98	98.8	2.00	4.60		
Toluene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.17	109	2.00	2.02		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.50	108	6.00	2.50		
Total BTEx	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 4 5' (H245184-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.98	98.8	2.00	4.60	
Toluene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.17	109	2.00	2.02	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.50	108	6.00	2.50	
Total BTEx	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	08/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 1 5' (H245184-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.98	98.8	2.00	4.60	
Toluene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.17	109	2.00	2.02	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.50	108	6.00	2.50	
Total BTEx	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 1 5' (H245184-28)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.98	98.8	2.00	4.60	
Toluene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.17	109	2.00	2.02	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.50	108	6.00	2.50	
Total BTEX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 2 5' (H245184-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2024	ND	1.98	98.8	2.00	4.60		
Toluene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.17	109	2.00	2.02		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.50	108	6.00	2.50		
Total BTEx	<0.300	0.300	08/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	08/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 3 3' (H245184-30)

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	08/28/2024	ND	1.98	98.8	2.00	4.60		
Toluene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	1.97		
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.17	109	2.00	2.02		
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.50	108	6.00	2.50		
Total BTEx	<0.300	0.300	08/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/26/2024
Reported: 08/30/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/23/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 4 3' (H245184-31)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2024	ND	1.98	98.8	2.00	4.60	
Toluene*	<0.050	0.050	08/28/2024	ND	2.08	104	2.00	1.97	
Ethylbenzene*	<0.050	0.050	08/28/2024	ND	2.17	109	2.00	2.02	
Total Xylenes*	<0.150	0.150	08/28/2024	ND	6.50	108	6.00	2.50	
Total BTX	<0.300	0.300	08/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2024	ND	223	111	200	0.648	
DRO >C10-C28*	<10.0	10.0	08/27/2024	ND	221	111	200	0.974	
EXT DRO >C28-C36	<10.0	10.0	08/27/2024	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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

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

Cardinal Laboratories

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST																																	
Project Manager: Chris Jones		P.O. #:																																			
Address: 1601 N. Turner St., Ste 500		Company: Spur																																			
City: Hobbs		Attn: Brady Moulder																																			
Phone #: 575-964-7814		Address:																																			
Fax #:		City:																																			
Project #:		State:																																			
Project Name: <i>State 519 #7</i>		Zip:																																			
Project Location: <i>Rural Eddy</i>		Phone #:																																			
Sampler Name: <i>Angel Peña</i>		Fax #:																																			
FOR LAB USE ONLY																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME									
<i>#1584</i>		<i>31</i>		<i>4</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>8-23</i>		<i>Chlor: 15</i>									
<i>2</i>		<i>31</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>									
<i>3</i>		<i>31</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>									
<i>4</i>		<i>31</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>									
<i>5</i>		<i>31</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>									
<i>6</i>		<i>31</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>									
<i>7</i>		<i>31</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>									
<i>8</i>		<i>31</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>									
<i>9</i>		<i>31</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>									
<i>10</i>		<i>31</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>									
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Delivered By: (Circle One) <i>UPS</i>														Time: <i>8:00 AM</i>		Time: <i>2:00 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>			
Sampler - UPS - Bus - Other: <i>UPS</i>														Time: <i>8:00 AM</i>		Time: <i>2:00 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>		Time: <i>7:40 PM</i>					

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM Zip: 88240

Phone #: 575-964-7814

Fax #: Project Owner: Spur

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

P.O. #:

Company: Spur

Attn: Brady Moulder

Address:

City:

State: Zip:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TH
BTX
SP/142

11 5-11 5'

12 5-12 5'

13 5-13 5'

14 5-14 5'

15 5-15 5'

16 5-16 5'

17 5-17 5'

18 5-18 5'

19 5-19 5'

20 5-20 5'

Relinquished By:

Date: 8/10/24

Received By:

Checked By:

Relinquished By:

Date:

Received By:

Checked By:

Delivered By: (Circle One)

-1680 C.O.C.

Sample Condition

Cool Intact

Sampler - UPS - Bus - Other:

-7.4i #440

Yes ☒ No ☐

Yes ☒ No ☐

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs

State: NM Zip: 88240

Phone #: 575-964-7814

Fax #:

Project #:

Project Owner: Spur

Project Name:

State: Zip:

Project Location:

Phone #:

Sampler Name:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

#045184
31

ESW-4-3'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE
8-23

TIME

CHLORIDES
BTEX
TPH

ANALYSIS REQUEST

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Relinquished By:

Received By:

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

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

Relinquished By:

Date:

Received By:

Time:

Delivered By: (Circle One)

UPS

Sample Condition
Cool Intact
☐ Yes ☐ No

CHECKED BY:
(Initials)

Sampler - UPS - Bus - Other:

Time:

Sample Condition
Cool Intact
☐ Yes ☐ No

CHECKED BY:
(Initials)



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

September 11, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: STATE S-19 #7

Enclosed are the results of analyses for samples received by the laboratory on 09/06/24 16:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/06/2024
Reported: 09/11/2024
Project Name: STATE S-19 #7
Project Number: NONE GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 09/05/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 11 5 1/2 ' (H245422-01)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2024	ND	1.87	93.7	2.00	4.86	
Toluene*	<0.050	0.050	09/10/2024	ND	2.04	102	2.00	9.03	
Ethylbenzene*	<0.050	0.050	09/10/2024	ND	2.19	110	2.00	9.65	
Total Xylenes*	<0.150	0.150	09/10/2024	ND	6.75	112	6.00	11.1	
Total BTEx	<0.300	0.300	09/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 141 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/10/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2024	ND	208	104	200	0.348	
DRO >C10-C28*	<10.0	10.0	09/09/2024	ND	209	104	200	0.865	
EXT DRO >C28-C36	<10.0	10.0	09/09/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 431699

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431699
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2316443375
Incident Name	NAPP2316443375 STATE S-19 #007 POLY LINE @ 30-015-29965
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-29965] STATE S 19 #007

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	STATE S-19 #007 POLY LINE
Date Release Discovered	06/10/2023
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Other (Specify) Produced Water Released: 14 BBL Recovered: 10 BBL Lost: 4 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)	A CRACK IN A POLY DISPOSAL LINE RELEASED PRODUCED WATER ONTO LOCATION PAD W/ A SMALL AMOUNT IN THE PASTURE

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QUESTIONS, Page 2

Action 431699

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431699
	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	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 02/13/2025
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QUESTIONS, Page 3

Action 431699

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431699
	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 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (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 provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
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)	22000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	02/14/2024
On what date will (or did) the final sampling or liner inspection occur	09/05/2024
On what date will (or was) the remediation complete(d)	09/05/2024
What is the estimated surface area (in square feet) that will be reclaimed	4000
What is the estimated volume (in cubic yards) that will be reclaimed	600
What is the estimated surface area (in square feet) that will be remediated	4000
What is the estimated volume (in cubic yards) that will be remediated	600

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

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

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QUESTIONS, Page 4

Action 431699

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:	328947
	Action Number:	431699
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 02/13/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 431699

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431699
	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 submission	No

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QUESTIONS, Page 6

Action 431699

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431699
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	379804
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/05/2024
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	20

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	4000
What was the total volume (cubic yards) remediated	600
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	4000
What was the total volume (in cubic yards) reclaimed	600
Summarize any additional remediation activities not included by answers (above)	COANTAMINATED SOIL WAS REMOVED IN ACCORDANCE WITH THE STANDARDS 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.

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 02/13/2025
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QUESTIONS, Page 7

Action 431699

QUESTIONS (continued)

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	Action Number: 431699
	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 431699

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 431699
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2316443375 STATE S-19 #007 POLY LINE, thank you. This Remediation Closure Report is approved.	2/19/2025