

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

Length(Ft)	Width(Ft)	Depth(In)
359.000	197.000	0.250
Cubic Feet Impacted		1473.396
Barrels		262.40
Soil Type		Sand
Bbls Assuming 100% Saturation		52.48
Saturation	Fluid present with shovel/backhoe	
Estimated Barrels Released		52.50000

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)	359
Width (ft)	197
Depth (in)	0.250









September 13, 2024

NMOCD District 2
Mike Bratcher
Artesia, NM 88210

Bureau of Land Management
Crisha Morgan
Carlsbad Field Office

Re: Site Assessment, Remediation, and Closure Request
Big Boy St 1 Battery
API No. N/A
GPS: Latitude 32.78641 Longitude -104.23741
UL "M", Sec. 36, T17S, R27E
Eddy County, NM
NMOCD Ref. No. nAPP2328639888

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment and conduct remediation activities for the release site known as the Big Boy St 1 Battery (Big Boy). Details of the release are summarized below:

Release Details			
Type of Release:	Produced Water	Volume of Release:	53 bbls
		Volume Recovered:	50 bbls
Source of Release:	Flow Line	Date of Release:	10/13/2023
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	Mike Bratcher, NMOCD
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	Federal	Mineral Owner:	Federal
The fuse between poly pipe and poly transition broke due to temperature causing pipe to expand and contract leading to a release in fluid			

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

REGULATORY FRAMEWORK & SITE CHARACTERIZATION

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

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

Depth to groundwater information is provided in Appendix A.

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

- A Continuously flowing watercourse or any other significant watercourse- > 5 Mile
- Any lakebed, sinkhole, or playa lake- >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->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- >5 mi
- A subsurface mine- >5 mi
- An (non-karst) unstable area- 1-5mi
- Categorize the risk of this well/site being in a karst area geology- High
- 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 (QOA). The soil in this area is made up of Largo-Stony Land Complex, with 0 to 25 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 October 16, 2023, Paragon began the initial site assessment. Samples were gathered in the area where the spill had come out of the flow line and flowed along the lease road and into the pasture. Twenty (20) background samples were obtained to define the horizontal extent. We returned on October 20, 2023, and we obtained Twenty-three (23) soil samples in an effort to determine the vertical extent of soil impact. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A table summarizing laboratory analytical results from soil samples collected during the above-stated activities is provided below:

10-16-23 Laboratory Results

NMOC Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 10-16-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
BG-1	Surface	ND	ND	ND	ND	ND	ND	ND
BG-2	Surface	ND	ND	ND	ND	ND	ND	ND
BG-3	Surface	ND	ND	ND	ND	ND	ND	ND
BG-4	Surface	ND	ND	ND	ND	ND	ND	ND
BG-5	Surface	ND	ND	ND	ND	ND	ND	ND
BG-6	Surface	ND	ND	ND	ND	ND	ND	ND
BG-7	Surface	ND	ND	ND	ND	ND	ND	ND
BG-8	Surface	ND	ND	ND	ND	ND	ND	ND
BG-9	Surface	ND	ND	ND	ND	ND	ND	ND
BG-10	Surface	ND	ND	ND	ND	ND	ND	192
BG-11	Surface	ND	ND	ND	ND	ND	ND	432
BG-12	Surface	ND	ND	ND	ND	ND	ND	112
BG-13	Surface	ND	ND	ND	ND	ND	ND	ND
BG-14	Surface	ND	ND	ND	ND	ND	ND	ND
BG-15	Surface	ND	ND	ND	ND	ND	ND	ND
BG-16	Surface	ND	ND	ND	ND	ND	ND	288
BG-17	Surface	ND	ND	ND	ND	ND	ND	ND
BG-18	Surface	ND	ND	ND	ND	ND	ND	ND
BG-19	Surface	ND	ND	ND	ND	ND	ND	ND
BG-19	Surface	ND	ND	ND	ND	ND	ND	ND
BG-20	Surface	ND	ND	ND	ND	ND	ND	32

(ND) Analyte Not Detected

10-20-23 Laboratory Results

NMOC Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 10/20/23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRQ	DRO	MRO	Total TPH	CHLORIDES
S-1	0-6"	ND	ND	14.2	2230	432	2676.2	2680
	6'	ND	ND	ND	ND	ND	ND	400
S-2	0-6"	ND	ND	ND	ND	ND	ND	5680
	2'	ND	ND	ND	ND	ND	ND	2000
S-3	0-6"	ND	ND	ND	268	41	309	6400
	4'	ND	ND	ND	ND	ND	ND	256
S-4	0-6"	ND	ND	ND	640	113	753	14400
	4'	ND	ND	ND	ND	ND	ND	352
S-5	0-6"	ND	ND	ND	44.2	ND	44.2	12800
	2-5'	0.781	ND	22.8	488	65.4	576.2	14000
S-6	0-6"	ND	ND	ND	11	ND	11	3040
	4'	ND	ND	ND	ND	ND	ND	272
S-7	0-6"	0.889	ND	46.8	1500	233	1779.8	19000
	3-5'	ND	ND	ND	674	92.3	766.3	6480
S-8	0-6"	0.973	ND	ND	380	55.5	435.5	27600
	2-5"	ND	ND	ND	ND	ND	ND	20800
S-9	0-6"	4.87	ND	63.5	887	133	1083.5	20400
	4'	ND	ND	ND	ND	ND	ND	13200
S-10	0-6"	0.762	ND	ND	220	32.7	252.7	13600
	4'	ND	ND	ND	ND	ND	ND	8000
S-11	0-6"	ND	ND	ND	ND	ND	ND	18000
	4'	ND	ND	ND	ND	ND	ND	7200
S-12	0-6"	379	12.8	7080	14600	2070	23750	14200
	4'	0.797	0.06	ND	47.6	ND	47.6	6530
S-13	0-6"	ND	ND	ND	ND	ND	ND	14600
	5'	ND	ND	ND	ND	ND	ND	9330
S-14	0-6"	2.18	ND	24.9	218	21.7	264.6	12200
	4'	ND	ND	ND	ND	ND	ND	10400
S-15	0-6"	0.307	ND	ND	12.5	ND	12.5	12900
	4'	ND	ND	ND	24.4	ND	24.4	288
S-16	0-6"	ND	ND	ND	ND	ND	ND	448
	2'	ND	ND	ND	ND	ND	ND	304
S-17	0-6"	ND	ND	ND	90	ND	90	352
	4'	ND	ND	ND	ND	ND	ND	304
S-18	0-6"	ND	ND	ND	50.9	ND	50.9	11900
	5'	ND	ND	ND	ND	ND	ND	2840
S-19	0-6"	ND	ND	ND	444	403	847	192
	2'	ND	ND	ND	51.5	23.5	75	576
S-20	0-6"	ND	ND	ND	356	81.4	437.4	3720
	4'	ND	ND	ND	ND	ND	ND	2760
S-21	0-6"	ND	ND	ND	62.7	ND	62.7	4640
	4'	ND	ND	ND	ND	ND	ND	368
S-22	0-6"	ND	ND	ND	130	16.1	146.1	1080
	3'	ND	ND	ND	57.9	11.9	69.8	2200
S-23	0-6"	ND	ND	ND	21.1	ND	21.1	2600
	3'	ND	ND	ND	ND	ND	ND	2760

(ND) Analyte Not Detected

Laboratory data is attached in Appendix D

A Site Map is provided in Figure #1.

REMEDIATION ACTIVITIES

On July 1st, 2024, Paragon mobilized personnel and heavy equipment to conduct remedial activities. Based on the site characteristics and field observations made during the site assessment, the following details the remedial activities we conducted to advance the Release Site toward an NMOCD-approved site closure.

Our remediation began by excavating on the outer edge of the spill and working our way inward. Confirmation samples were labeled B for bottoms and SW for sidewalls. Our excavation and sampling were done in three phases. In the first phase, we excavated the areas of S-23 down to S-16. In the second phase, we excavated the areas of S-15 down to S-7. In the last phase, we excavated the areas of S-6 down to S-1. The depths, square footage, and yardage are detailed below:

- S-1 and S-2- Excavated to a depth of 6 feet BGS- 1724 S/F, 383 C/Y
- S-3 and S-4- Excavated to a depth of 4 feet BGS- 1450 S/F, 215 C/Y
- S-5- Excavated to a depth of 10 feet BGS- 448 S/F, 166 C/Y
- S-6- Excavated to a depth of 4 feet BGS- 284 S/F, 42 C/Y
- S-7- Excavated to a depth of 4 feet BGS- 1376 S/F, 203 C/Y
- S-8- Excavated to a depth of 10 feet BGS- 1674 S/F, 620 C/Y
- S-9- Excavated to a depth of 12 feet BGS- 1720 S/F, 764 C/Y
- S-10- Excavated to a depth of 8 feet BGS- 2350 S/F, 696 C/Y
- S-11- Excavated to a depth of 19 feet BGS- 2060 S/F, 1450 C/Y
- S-12- Excavated to a depth of 24 feet BGS- 1280 S/F, 1137 C/Y
- S-13- Excavated to a depth of 12 feet BGS- 1720 S/F, 764 C/Y
- S-14- Excavated to a depth of 14 feet BGS- 2450 S/F, 1270 C/Y
- S-15- Excavated to a depth of 4 feet BGS- 2780 S/F, 411 C/Y
- S-16- Excavated to a depth of 2 feet BGS- 900 S/F, 66 C/Y
- S-17- Excavated to a depth of 4 feet BGS- 330 S/F, 48 C/Y
- S-18- Excavated to a depth of 6 feet BGS- 178 S/F, 39 C/Y
- S-19- Excavated to a depth of 2 feet BGS- 2900 S/F, 214 C/Y
- S-20- Excavated to a depth of 5.5 feet BGS- 1050 S/F, 213 C/Y
- S-21 and S-22- Excavated to a depth of 4 feet BGS- 800 S/F, 160 C/Y
- S-23- Excavated to a depth of 8 feet BGS- 380 S/F, 112 C/Y

The spill path was 600 feet long, 4'-150' wide, and the total area was roughly 26,000 S/F. An email notification was sent to the NMOCD prior to obtaining confirmation samples. The bottom samples were representative of no more than 200 sq/ft, and the sidewall samples were obtained every 50 feet. Phase 1 sampling event is in the following data table.

7-19-24 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 7-19-24	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 20,000 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
B-1 8'	ND	ND	ND	ND	ND	ND	16
B-2 8'	ND	ND	ND	ND	ND	ND	ND
B-3 4'	ND	ND	ND	ND	ND	ND	ND
B-4 4'	ND	ND	ND	ND	ND	ND	ND
B-5 4'	ND	ND	ND	ND	ND	ND	ND
B-6 4'	ND	ND	ND	ND	ND	ND	ND
B-7 4'	ND	ND	ND	ND	ND	ND	ND
B-8 4'	ND	ND	ND	ND	ND	ND	ND
B-9 5.5'	ND	ND	ND	ND	ND	ND	32
B-10 5.5'	ND	ND	ND	ND	ND	ND	ND
B-11 5.5'	ND	ND	ND	ND	ND	ND	ND
B-12 5.5'	ND	ND	ND	ND	ND	ND	ND
B-13 5.5'	ND	ND	ND	ND	ND	ND	ND
B-14 5.5'	ND	ND	ND	ND	ND	ND	ND
B-15 2'	ND	ND	ND	ND	ND	ND	ND
B-16 2'	ND	ND	ND	ND	ND	ND	ND
B-17 2'	ND	ND	ND	ND	ND	ND	ND
B-18 2'	ND	ND	ND	ND	ND	ND	ND
B-19 2'	ND	ND	ND	ND	ND	ND	16
B-20 2'	ND	ND	ND	ND	ND	ND	32
B-21 2'	ND	ND	ND	ND	ND	ND	16
B-22 2'	ND	ND	ND	ND	ND	ND	16
B-23 2'	ND	ND	ND	ND	ND	ND	16
B-24 2'	ND	ND	ND	ND	ND	ND	16
B-25 2'	ND	ND	ND	ND	ND	ND	16
B-26 2'	ND	ND	ND	ND	ND	ND	16
B-27 2'	ND	ND	ND	ND	ND	ND	16
B-28 2'	ND	ND	ND	ND	ND	ND	16
B-29 2'	ND	ND	ND	ND	ND	ND	16
B-30 2'	ND	ND	ND	ND	ND	ND	16
B-31 2'	ND	ND	ND	ND	ND	ND	16
B-32 2'	ND	ND	ND	ND	ND	ND	16
B-33 2'	ND	ND	ND	ND	ND	ND	16
B-34 2'	ND	ND	ND	ND	ND	ND	16
B-35 2'	ND	ND	ND	ND	ND	ND	16
B-36 2'	ND	ND	ND	ND	ND	ND	16
B-37 6'	ND	ND	ND	ND	ND	ND	16
B-38 6'	ND	ND	ND	ND	ND	ND	16
B-40 6'	ND	ND	ND	ND	ND	ND	16
B-41 6'	ND	ND	ND	ND	ND	ND	16
B-42 6'	ND	ND	ND	ND	ND	ND	16
B-43 6'	ND	ND	ND	ND	ND	ND	32
B-44 6'	ND	ND	ND	ND	ND	ND	16
ESW-1 4'	ND	ND	ND	ND	ND	ND	ND
ESW-2 4'	ND	ND	ND	ND	ND	ND	ND
ESW-3 5.5'	ND	ND	ND	ND	ND	ND	32
ESW-4 4'	ND	ND	ND	ND	ND	ND	16
ESW-5 6'	ND	ND	ND	ND	ND	ND	16
NSW-1 4'	ND	ND	ND	ND	ND	ND	16
NSW-2 4'	ND	ND	ND	ND	ND	ND	16
NSW-3 5.5'	ND	ND	ND	ND	ND	ND	ND
NSW-4 2'	ND	ND	ND	ND	ND	ND	16
NSW-5 4'	ND	ND	ND	ND	ND	ND	ND
NSW-6 2'	ND	ND	ND	ND	ND	ND	16
NSW-7 6'	ND	ND	ND	ND	ND	ND	16
SSW-1 4'	ND	ND	ND	ND	ND	ND	32
SSW-2 4'	ND	ND	ND	ND	ND	ND	ND
SSW-3 5.5'	ND	ND	ND	ND	ND	ND	ND
SSW-4 2'	ND	ND	ND	ND	ND	ND	ND
SSW-5 4'	ND	ND	ND	ND	ND	ND	ND
SSW-6 2'	ND	ND	ND	ND	ND	ND	16
SSW-7 6'	ND	ND	ND	ND	ND	ND	16
WSW-1 4'	ND	ND	ND	ND	ND	ND	ND
WSW-2 5.5'	ND	ND	ND	ND	ND	ND	16
WSW-3 4'	ND	ND	ND	ND	ND	ND	16
ESW-1 8'	ND	ND	ND	ND	ND	ND	80
ESW-2 8'	ND	ND	ND	ND	ND	ND	80
WSW-1 8'	ND	ND	ND	ND	ND	ND	64
WSW-2 8'	ND	ND	ND	ND	ND	ND	80

(ND) Analyte Not Detected

Phase II Sampling Event
8-2-24 Confirmation Laboratory Results

NMOC Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 8-2-24	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria 500 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
B-45 4'	ND	ND	ND	ND	ND	ND	64
B-46 4'	ND	ND	ND	ND	ND	ND	144
B-47 4'	ND	ND	ND	ND	ND	ND	48
B-48 4'	ND	ND	ND	ND	ND	ND	48
B-49 4'	ND	ND	ND	ND	ND	ND	144
B-50 4'	ND	ND	ND	ND	ND	ND	160
B-51 4'	ND	ND	ND	ND	ND	ND	64
B-52 10'	ND	ND	ND	ND	ND	ND	96
B-53 10'	ND	ND	ND	ND	ND	ND	96
B-54 10'	ND	ND	ND	ND	ND	ND	64
B-55 10'	ND	ND	ND	ND	ND	ND	96
B-56 10'	ND	ND	ND	ND	ND	ND	80
B-57 10'	ND	ND	ND	ND	ND	ND	128
B-58 10'	ND	ND	ND	ND	ND	ND	160
B-59 10'	ND	ND	ND	ND	ND	ND	96
B-60 12'	ND	ND	ND	ND	ND	ND	64
B-61 12'	ND	ND	ND	ND	ND	ND	64
B-62 12'	ND	ND	ND	ND	ND	ND	176
B-63 12'	ND	ND	ND	ND	ND	ND	64
B-64 12'	ND	ND	ND	ND	ND	ND	112
B-65 12'	ND	ND	ND	ND	ND	ND	112
B-66 12'	ND	ND	ND	ND	ND	ND	64
B-67 12'	ND	ND	ND	ND	ND	ND	112
B-68 12'	ND	ND	ND	ND	ND	ND	96
B-69 8'	ND	ND	ND	ND	ND	ND	160
B-70 8'	ND	ND	ND	ND	ND	ND	96
B-71 8'	ND	ND	ND	ND	ND	ND	80
B-72 8'	ND	ND	ND	ND	ND	ND	144
B-73 8'	ND	ND	ND	ND	ND	ND	ND
B-74 8'	ND	ND	ND	ND	ND	ND	112
B-75 8'	ND	ND	ND	ND	ND	ND	160
B-76 8'	ND	ND	ND	ND	ND	ND	160
B-77 8'	ND	ND	ND	ND	ND	ND	96
B-78 8'	ND	ND	ND	ND	ND	ND	192
B-79 8'	ND	ND	ND	ND	ND	ND	16
B-80 8'	ND	ND	ND	ND	ND	ND	128
B-81 19'	ND	ND	ND	ND	ND	ND	96
B-82 19'	ND	ND	ND	ND	ND	ND	128
B-83 19'	ND	ND	ND	ND	ND	ND	128
B-84 19'	ND	ND	ND	ND	ND	ND	144
B-85 19'	ND	ND	ND	ND	ND	ND	32
B-86 19'	ND	ND	ND	ND	ND	ND	80
B-87 19'	ND	ND	ND	ND	ND	ND	144
B-88 19'	ND	ND	ND	ND	ND	ND	256
B-89 19'	ND	ND	ND	ND	ND	ND	144
B-90 19'	ND	ND	ND	ND	ND	ND	112
B-91 24'	ND	ND	ND	ND	ND	ND	64
B-92 24'	ND	ND	ND	ND	ND	ND	ND
B-93 24'	ND	ND	ND	ND	ND	ND	144
B-94 24'	ND	ND	ND	ND	ND	ND	144
B-95 24'	ND	ND	ND	ND	ND	ND	192

B-96 24'	ND	ND	ND	ND	ND	ND	128
B-97 24'	ND	ND	ND	ND	ND	ND	128
B-98 12'	ND	ND	ND	ND	ND	ND	112
B-99 12'	ND	ND	ND	ND	ND	ND	208
B-100 12'	ND	ND	ND	ND	ND	ND	144
B-101 12'	ND	ND	ND	ND	ND	ND	160
B-102 12'	ND	ND	ND	ND	ND	ND	144
B-103 12'	ND	ND	ND	ND	ND	ND	128
B-104 12'	ND	ND	ND	ND	ND	ND	192
B-105 12'	ND	ND	ND	ND	ND	ND	128
B-106 12'	ND	ND	ND	ND	ND	ND	96
B-107 14'	ND	ND	ND	ND	ND	ND	144
B-108 14'	ND	ND	ND	ND	ND	ND	112
B-109 14'	ND	ND	ND	ND	ND	ND	208
B-110 14'	ND	ND	ND	ND	ND	ND	80
B-111 14'	ND	ND	ND	ND	ND	ND	96
B-112 14'	ND	ND	ND	ND	ND	ND	144
B-113 14'	ND	ND	ND	ND	ND	ND	160
B-114 14'	ND	ND	ND	ND	ND	ND	112
B-115 14'	ND	ND	ND	ND	ND	ND	96
B-116 14'	ND	ND	ND	ND	ND	ND	128
B-117 14'	ND	ND	ND	ND	ND	ND	64
B-118 14'	ND	ND	ND	ND	ND	ND	64
B-119 4'	ND	ND	ND	ND	ND	ND	80
B-120 4'	ND	ND	ND	ND	ND	ND	48
B-121 4'	ND	ND	ND	ND	ND	ND	128
B-122 4'	ND	ND	ND	ND	ND	ND	64
B-123 4'	ND	ND	ND	ND	ND	ND	112
B-124 4'	ND	ND	ND	ND	ND	ND	32
B-125 4'	ND	ND	ND	ND	ND	ND	144
B-126 4'	ND	ND	ND	ND	ND	ND	48
B-127 4'	ND	ND	ND	ND	ND	ND	128
B-128 4'	ND	ND	ND	ND	ND	ND	192
B-129 4'	ND	ND	ND	ND	ND	ND	48
B-130 4'	ND	ND	ND	ND	ND	ND	80
B-131 4'	ND	ND	ND	ND	ND	ND	96
B-132 4'	ND	ND	ND	ND	ND	ND	64
ESW-6 12'	ND	ND	ND	ND	ND	ND	32
ESW-7 24'	ND	ND	ND	ND	ND	ND	16
ESW-8 12'	ND	ND	ND	ND	ND	ND	16
ESW-9 14'	ND	ND	ND	ND	ND	ND	ND
ESW-10 4'	ND	ND	ND	ND	ND	ND	16
NSW-8 10'	ND	ND	ND	ND	ND	ND	80
NSW-9 12'	ND	ND	ND	ND	ND	ND	80
NSW-10 19'	ND	ND	ND	ND	ND	ND	32
NSW-11 24'	ND	ND	ND	ND	ND	ND	16
NSW-12 14'	ND	ND	ND	ND	ND	ND	16
SSW-8 10'	ND	ND	ND	ND	ND	ND	64
SSW-9 12'	ND	ND	ND	ND	ND	ND	64
SSW-10 19'	ND	ND	ND	ND	ND	ND	32
SSW-11 24'	ND	ND	ND	ND	ND	ND	16
SSW-12 14'	ND	ND	ND	ND	ND	ND	16
SSW-13 4'	ND	ND	ND	ND	ND	ND	ND
WSW-4 4'	ND	ND	ND	ND	ND	ND	128
WSW-5 12'	ND	ND	ND	ND	ND	ND	80
WSW-6 8'	ND	ND	ND	ND	ND	ND	64
WSW-7 19'	ND	ND	ND	ND	ND	ND	32
WSW-8 24'	ND	ND	ND	ND	ND	ND	ND
WSW-9 12'	ND	ND	ND	ND	ND	ND	16
WSW-10 14'	ND	ND	ND	ND	ND	ND	ND

(ND) Analyte Not Detected

Phase III Sampling Event
8-7-24 Confirmation Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 8/7/24	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
B 133 4'	ND	ND	ND	ND	ND	ND	160
B 134 4'	ND	ND	ND	ND	ND	ND	160
B 135 10'	ND	ND	ND	ND	ND	ND	336
B 136 10'	ND	ND	ND	ND	ND	ND	176
B 137 10'	ND	ND	ND	ND	ND	ND	240
B 138 4'	ND	ND	ND	ND	ND	ND	176
B 139 4'	ND	ND	ND	ND	ND	ND	192
B 140 4'	ND	ND	ND	ND	ND	ND	192
B 141 4'	ND	ND	ND	ND	ND	ND	192
B 142 4'	ND	ND	ND	ND	ND	ND	192
B 143 4'	ND	ND	ND	ND	ND	ND	224
B 144 4'	ND	ND	ND	ND	ND	ND	224
B 145 6'	ND	ND	ND	ND	ND	ND	208
B 146 6'	ND	ND	ND	ND	ND	ND	192
B 147 6'	ND	ND	ND	ND	ND	ND	192
B 148 6'	ND	ND	ND	ND	ND	ND	192
B 149 6'	ND	ND	ND	ND	ND	ND	176
B 150 6'	ND	ND	ND	ND	ND	ND	192
B 151 6'	ND	ND	ND	ND	ND	ND	176
B 152 6'	ND	ND	ND	ND	ND	ND	224
B 153 6'	ND	ND	ND	ND	ND	ND	224
ESW 11 4'	ND	ND	ND	ND	ND	ND	176
ESW 12 4'	ND	ND	ND	ND	ND	ND	176
ESW 13 6'	ND	ND	ND	ND	ND	ND	160
NSW 13 4'	ND	ND	ND	ND	ND	ND	160
NSW 14 10'	ND	ND	ND	ND	ND	ND	224
NSW 15 6'	ND	ND	ND	ND	ND	ND	160
SSW 14 10'	ND	ND	ND	ND	ND	ND	144
SSW 15 6'	ND	ND	ND	ND	ND	ND	240
WSW 11 4'	ND	ND	ND	ND	ND	ND	224
WSW 12 10'	ND	ND	ND	ND	ND	ND	176
WSW 13 4'	ND	ND	ND	ND	ND	ND	208
WSW 14 6'	ND	ND	ND	ND	ND	ND	192

(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. 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.

To fully reclaim the pasture's area, we will return in the spring to re-seed with the Seed Mixture for LPC Sand/Shinnery Sites, which includes Plains Bristlegrass 5lbs/Acre, Sand Bluestem 5lbs/Acre, Little Bluestem 3lbs/Acre, Big Bluestem 6lbs/Acre, Plains Coreopsis 2lbs/Acre, and Sand Dropseed 1lbs/Acre.

CLOSURE REQUEST

After careful review, Paragon requests that the incident, nAPP2328639888, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

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

Respectfully,



Tristan Jones
Project Manager
Paragon Environmental, LLC



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

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

Appendices:

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



Figures:

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

Spur Energy Partners

Big Boy St. 1 Battery
nAPP2328639888
Eddy County, NM
Site Map

Legend

- Big Boy St 1 Battery 32.786406, -104.237412
- Samples
- Spill Area

Big Boy St 1 Battery 32.786406, -104.237412

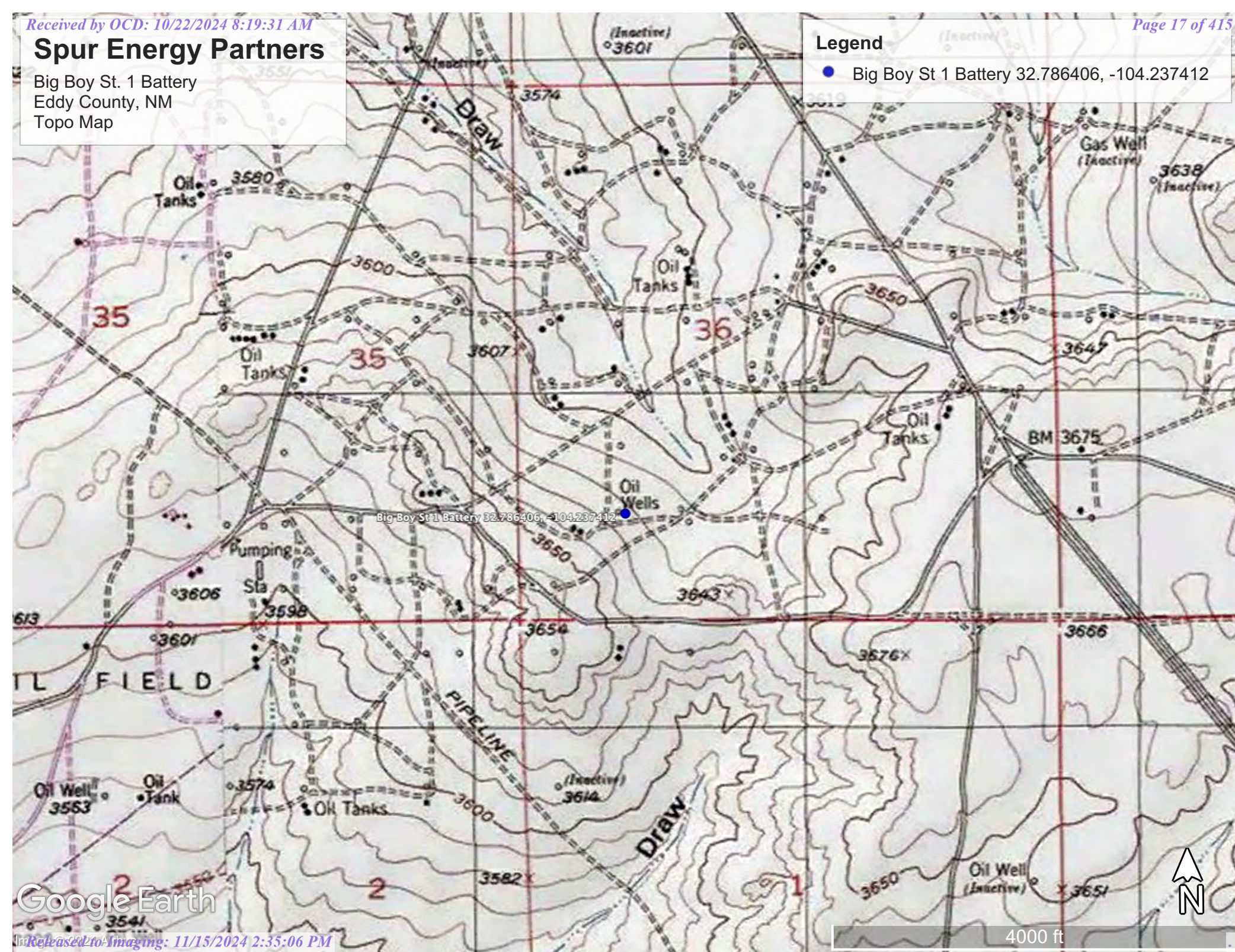


300 ft

Google Earth

Big Boy St. 1 Battery
Eddy County, NM
Topo Map

- Big Boy St 1 Battery 32.786406, -104.237412



Spur Energy Partners

Big Boy St. 1 Battery
Eddy County, NM
Karst Map

Legend

- High
- Low
- Medium

Big Boy St 1 Battery 32.786406, -104.237412



1 mi

Google Earth

Spur Energy Partners

Big Boy St. 1 Battery
Eddy County, NM
Aerial Map

1 RA-13283

Big Boy St 1 Battery 32.786406, -104.237412

Lovington Hwy

Google Earth

1 mi

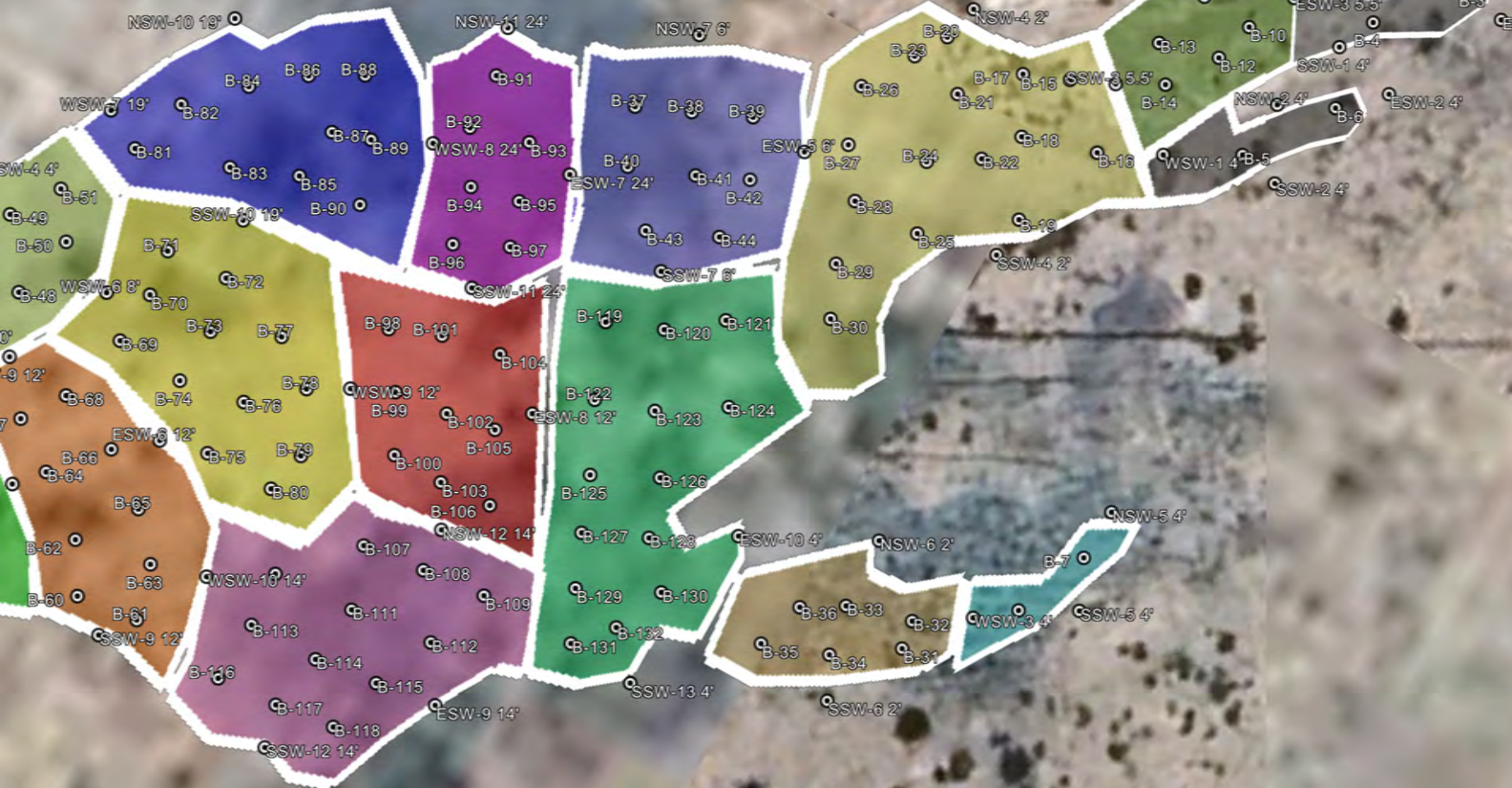


Spur Energy Partners

Big Boy St. 1 Battery
API # N/A
Eddy County, NM
Confirmation Sample Map

Legend

- Feature 1
- S/F- 6' Exc.
- S-10 2350 S/F- 8' Exc
- S-11 2060 S/F- 19' Exc.
- S-12 1280 S/F- 24' Exc.
- S-13 1720 S/F- 12' Exc.
- S-14 2450 S/F- 14' Exc.
- S-15 2780 S/F- 4' Exc.
- S-16 900 S/F- 2' Exc.
- S-17 330 S/F- 4' Exc.
- S-19 2900 S/F- 2' Exc.
- S-20 1050 S/F- 5.5' Exc.
- S-21 & S-22 800 S/F- 4' Exc.
- S-23 380 S/F- 8' Exc.
- S-3 & S-4- 1450 S/F- 4' Exc.
- S-5 & S-8 2122 S/F- 10' Exc.
- S-6 & S-7 1660 S/F 4' Exc.



Spur Energy Partners

Big Boy St. 1 Battery
API # N/A
Eddy County, NM
Confirmation Sample Map

Legend

- Feature 1
- S/F- 6' Exc.
- S-10 2350 S/F- 8' Exc
- S-11 2060 S/F- 19' Exc.
- S-12 1280 S/F- 24' Exc.
- S-13 1720 S/F- 12' Exc.
- S-14 2450 S/F- 14' Exc.
- S-15 2780 S/F- 4' Exc.
- S-16 900 S/F- 2' Exc.
- S-17 330 S/F- 4' Exc.
- S-19 2900 S/F- 2' Exc.
- S-20 1050 S/F- 5.5' Exc.
- S-21 & S-22 800 S/F- 4' Exc.
- S-23 380 S/F- 8' Exc.
- S-3 & S-4- 1450 S/F- 4' Exc.
- S-5 & S-8 2122 S/F- 10' Exc.
- S-6 & S-7 1660 S/F 4' Exc.
- S-9- 1720 S/F- 12' Exc.

Google Earth

Released to Imaging: 11/15/2024 2:35:06 PM

Image © 2024 Airbus

100 ft





Appendix A
Referenced Water Data:

New Mexico State of Engineers Office



New Mexico Office of the State Engineer

Water Column/Average Depth to Water


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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
RA 04561		RA	ED	4	2	26		17S	27E	570871	3630142*		2275	250	

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 571429.782

Northing (Y): 3627936.278

Radius: 2500

*UTM location was derived from PLSS - see Help

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.

10/25/23 11:54 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Appendix B
Soil Survey:

U.S.D.A.

Arch Survey

FEMA Flood Map

Map Unit Description: Largo-Stony land complex, 0 to 25 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

LN—Largo-Stony land complex, 0 to 25 percent slopes

Map Unit Setting

National map unit symbol: 1w50

Elevation: 2,000 to 5,700 feet

Mean annual precipitation: 6 to 14 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 260 days

Farmland classification: Not prime farmland

Map Unit Composition

Largo and similar soils: 41 percent

Stony land: 40 percent

Minor components: 19 percent

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

Description of Largo

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Calcareous alluvium

Typical profile

H1 - 0 to 4 inches: loam

H2 - 4 to 47 inches: silt loam

H3 - 47 to 65 inches: loam

Properties and qualities

Slope: 1 to 5 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high (0.20 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

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

Available water supply, 0 to 60 inches: High (about 10.0 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: B

Map Unit Description: Largo-Stony land complex, 0 to 25 percent slopes---Eddy Area, New Mexico

Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 7 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Largo

Percent of map unit: 6 percent
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

Pajarito

Percent of map unit: 6 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 19, Sep 7, 2023





Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 154864

HPD Log No(s).

Registration

Lead Agency: NM State Land Office

Performing Agency: Boone Archaeological Consultants, LLC.

Activity ID: Spur Energy Partners, LLC Proposed Big Boy State 1 Battery Release Remediation

Performing Agency Report No: BARC 02-24-10

Other Agencies:

Report Recipient (Your Client): Spur Energy Partners, LLC

- Activity Types:
- ☐ Research Design
 - ☒ Archaeological Survey/Inventory
 - ☐ Architectural Survey/Inventory
 - ☐ Test Excavation
 - ☐ Monitoring
 - ☐ Collections/Non-Field Study
 - ☐ Compliance Decision
 - ☐ Literature Review Overview
 - ☐ Excavation
 - ☐ Ethnographic Study
 - ☐ Resource/Property Visit
 - ☐ Historic Structures Report
 - ☐ Other:

Total Survey Acreage: 4.63

Total Tribal Acreage: 0.00

Total Resources Visited: 0

Report run on: Feb 13, 2024 11:02 AM

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 154864 HPD Log No(s). Associate/Register Resources

Prefix	Number	Field Site/Other Number	In GIS	Resource Type	Collections Made?	Revisit
--------	--------	-------------------------	--------	---------------	-------------------	---------

Report run on: Feb 13, 2024 11:02 AM

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 154864

HPD Log No(s).

Report Details

Type of Report

Type of Report Negative

Lead Agency

Lead Agency: NM State Land Office

Lead Agency Report No.

Report Number:

Title of Report

Title of Report: A Class III Archaeological Survey for the Spur Energy Partners, LLC Proposed Big Boy State 1 Battery Release Remediation, Eddy County, New Mexico**Authors:** Galassini, Stacy K. and Joshua W. Broxson**Publication Type:** Report, Monograph, or Book

Description of Undertaking (what does the project entail?)

Description: Spur Energy Partners, LLC requested a pedestrian cultural resources survey for the Big Boy State 1 Battery Release Remediation in Eddy County, NM, on New Mexico State Trust (NMST) land in Section 36 of T17S R27E. The release north from a tank battery on a well pad along a lease road before exiting the roadway northeast down a hillslope. The release totals 0.70 acres.

Dates of Investigation

From: 10-Feb-2024 **To:** 10-Feb-2024

Report Date

Report Date: 13-Feb-2024

Performing Agency/Consultant

Name: Boone Archaeological Consultants, LLC.**Principal Investigator:** Stacy K. Galassini**Field Supervisor:** Sarah Griffith**Field Personnel Names:** Sarah Griffith**Historian/Other**

Performing Agency Report Number

Report Number: BARC 02-24-10

Client/Customer (project proponent)

Report run on: Feb 13, 2024 11:02 AM

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 154864

HPD Log No(s).

Report Details

Name: Spur Energy Partners, LLC

Contact: Kathy Purvis

Address:

Phone 575-441-8619

Client/Customer Project Number

Project Number:

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 154864

HPD Log No(s).

Ownership & Location

Land Ownership Status (Must be indicated on Project Map)

Owner/Manager List:	Land Owner/Manager	Protocol	Acres Surveyed	Acres in APE
	NM State Land Office	Class III	4.63	4.63

Total Survey Acreage: 4.63

Total Tribal Acreage: 0.00

Record Search(es)

Date of HPD/ARMS File Review: 07-Feb-2024

Date of Other Agency File Review

Survey Data

Source Graphics: NAD 83

☒ USGS 7.5' (1:24,000) topo map ☐ Other Topo Map Scale:

☒ GPS Unit <1M

☒ Aerial Photos Other Source Graphic(s):

The following tables (b,c,& e) are calculated by the NMCRIS Map Service

USGS 7.5' Topographic Map(s)		County(ies)		Legal Description			
Map Name	USGS Quad Code	County	FIPS	Unplatted	Township (N/S)	Range (E/W)	Section
Red Lake, NM	32104-G2	EDDY	35015	No	T17S	R27E	36
Projected Legal Description				No			

Nearest City or Town: Artesia, NM

Other Description:

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 154864

GIS

HPD Log No(s).

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Report run on: Feb 13, 2024 11:02 AM

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 154864

HPD Log No(s).

Methodology

Survey Field Methods

Intensity: 100% coverage**Configuration:** ☒ Block Survey Units ☐ Linear Survey Units (l x y)

Other Survey Units

Scope: All Resources**Coverage Method:** ☒ Systematic Pedestrian Coverage **Other Method:****Survey Interval (m):** 15 **Crew Size** 1**Fieldwork Dates** **From** 10-Feb-2024 **To** 10-Feb-2024**Survey Person Hours:** 1.00 **Recording Person Hours** 0.00

Additional Narrative: Those release and a 100-ft.-wide buffer area were surveyed using 50 ft. parallel transects across an irregularly shaped block survey area. Portions of the buffer area which fell within disturbed space were excluded from the current survey. The survey totals 4.63 acres. The release lies within 500 m of five previously recorded cultural resources and 29 previously conducted surveys. For detailed descriptions of the resources and surveys, see the attached tables.

Environmental Setting (NRCS soil designation; vegetative community; elevation; etc.)

Environmental Setting: According to the Natural Resources Conservation Service' online database, the release area soils consist of Reeves soils. These soils are associated with the Loamy ecological site (R070BC007NM) which typically supports black and blue grama and tobosa grasslands with an even distribution of yucca, mesquite, tarbush, cholla, and creosote. The current vegetative community consists of creosote, javelina bush, broom snakeweed, prickly pear, sage, and desert forbs and grasses. The survey area lies on a desert scrubland on a northeast-facing slope. The elevation ranges from 3,610 ft. – 3,630 ft. above mean sea level.

Percent Ground Visibility

Ground Visibility: 76-99%

Condition of Survey Area: The survey area has been affected by a release, a well pad, tank battery, buried pipelines, surface pipelines, and erosion.

Attachments (check all appropriate boxes)

- ☒ USGS 7.5 Topographic Map with sites, isolates, and survey area clearly drawn (required)
- ☒ Copy of NMCRIS Map Check (required)
- ☐ LA Site Forms - new sites (with sketch map & topographic map) if applicable
- ☐ LA Site Forms (update) - previously recorded & un-relocated sites (first 2 pages minimum)
- ☐ Historic Cultural Property Inventory Forms, if applicable

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 154864

HPD Log No(s).

Methodology

- ☐ List and Description of Isolates, if applicable
- ☐ List and Description of Collections, if applicable

Other Attachments

- ☒ Photographs and Log
- ☒ Other attachments Describe: 500 m Cultural Resources and Surveys

Report run on: Feb 13, 2024 11:02 AM

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 154864
HPD Log No(s).

Cultural Resource Findings

Investigation Results

Archaeological Sites Discovered and Registered: 0

Archaeological Sites Discovered and NOT Registered: 0

Previously Recorded Archaeological Sites Revisited (site update form required): 0

Previously Recorded Archaeological Sites Not Relocated (site update form required): 0

Total Archaeological Sites (visited & recorded): 0

Total Isolates Recorded: 0

☒ Non-Selective Isolate Recording

HCPI Properties Discovered and Registered: 0

HCPI Properties Discovered And NOT Registered: 0

Previously Recorded HCPI Properties Revisited: 0

Previously Recorded HCPI Properties NOT Relocated: 0

Total HCPI Properties (visited & recorded, including acequias): 0

If No Cultural Resources Found, Discuss Why: No cultural resources were updated or recorded during the survey. The lack of cultural materials is likely due to the location of the survey on a hill side, the level of disturbance, and small survey area.

Management Summary

Summary: No cultural resources were updated or recorded during the survey. Completion of the proposed remediation will result in no effect to cultural materials eligible for listing to the National Register of Historic Places. The proposed project is recommended for approval as staked. If cultural materials are encountered during the clean-up process, work should be halted and archaeologists with the NM State Land Office should be notified immediately.

Report run on: Feb 13, 2024 11:02 AM

NMCRIS Investigation Abstract Form (NIAF)

NMCRIS Activity No. 154864

HPD Log No(s).

Attachments

Documents

Attachment Type	Description	Name	File Type	Size	Upload Date	Upload By
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A Class III Archaeological Survey for the Spur Energy Partners, LLC
Proposed Big Boy State 1 Battery Release Remediation, Eddy County, New Mexico

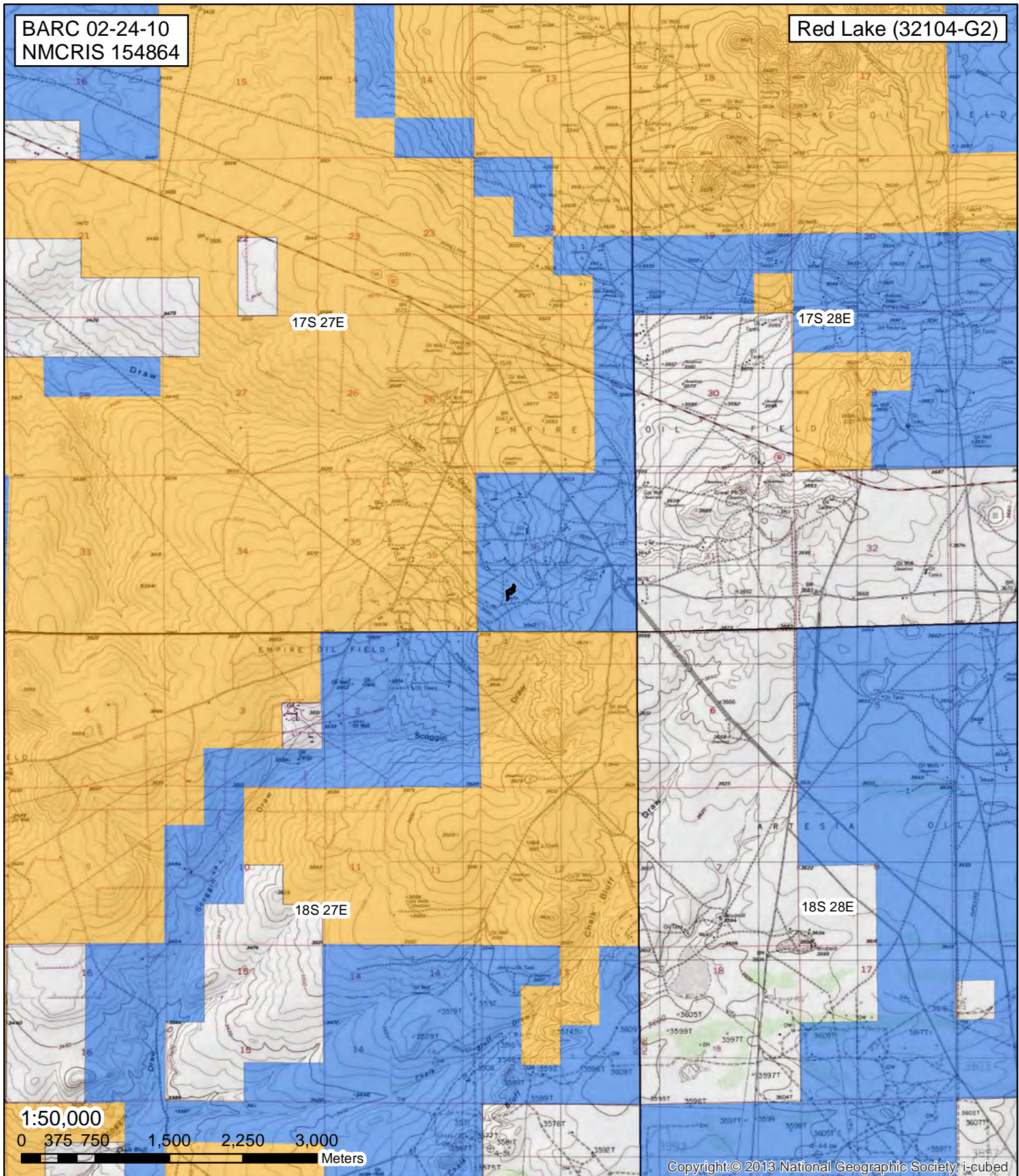
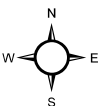


Figure 1. Release Area

Release BLM Private NM State



A Class III Archaeological Survey for the Spur Energy Partners, LLC
Proposed Big Boy State 1 Battery Release Remediation, Eddy County, New Mexico

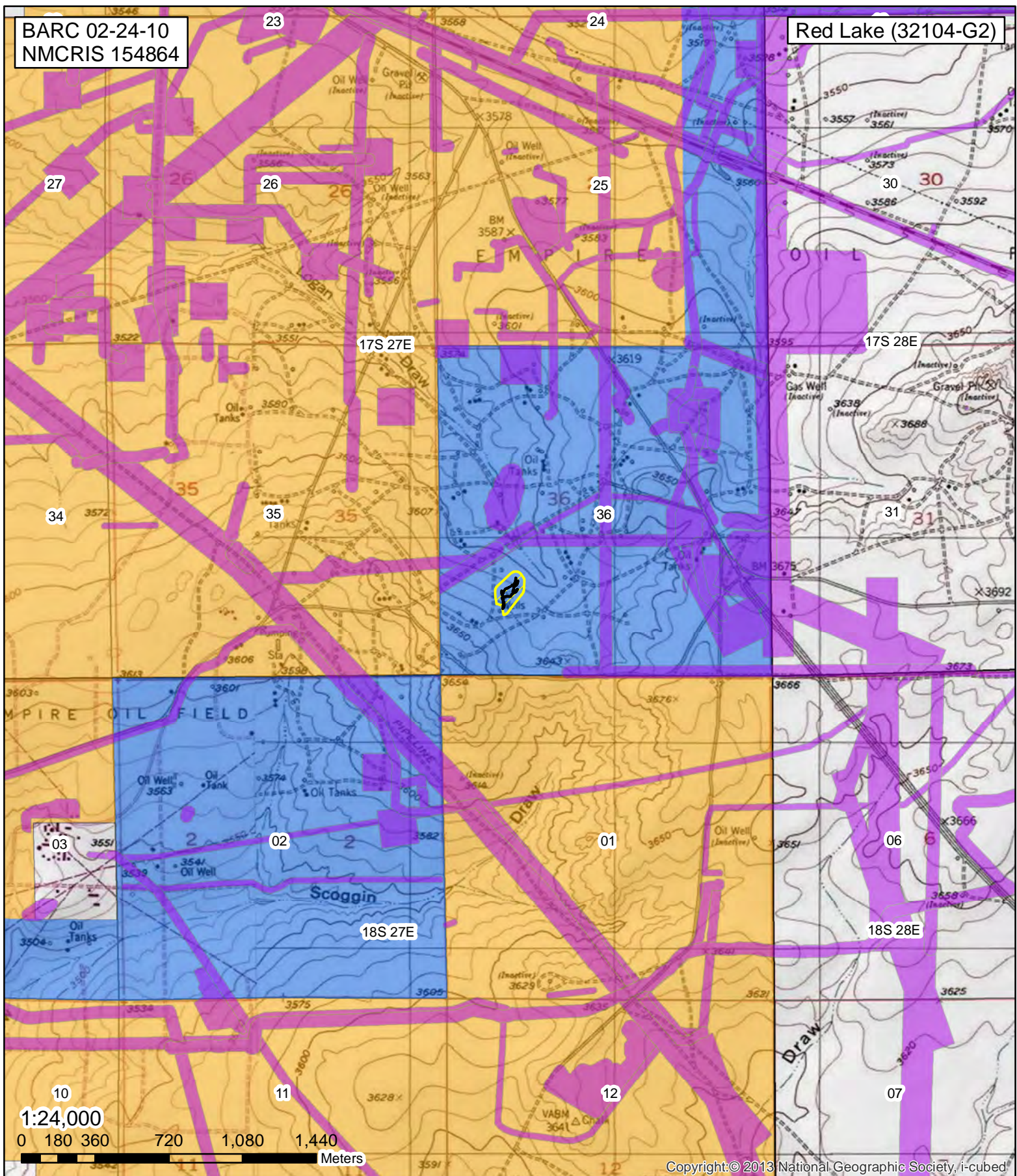
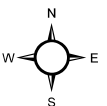


Figure 2. Current & Previous Survey

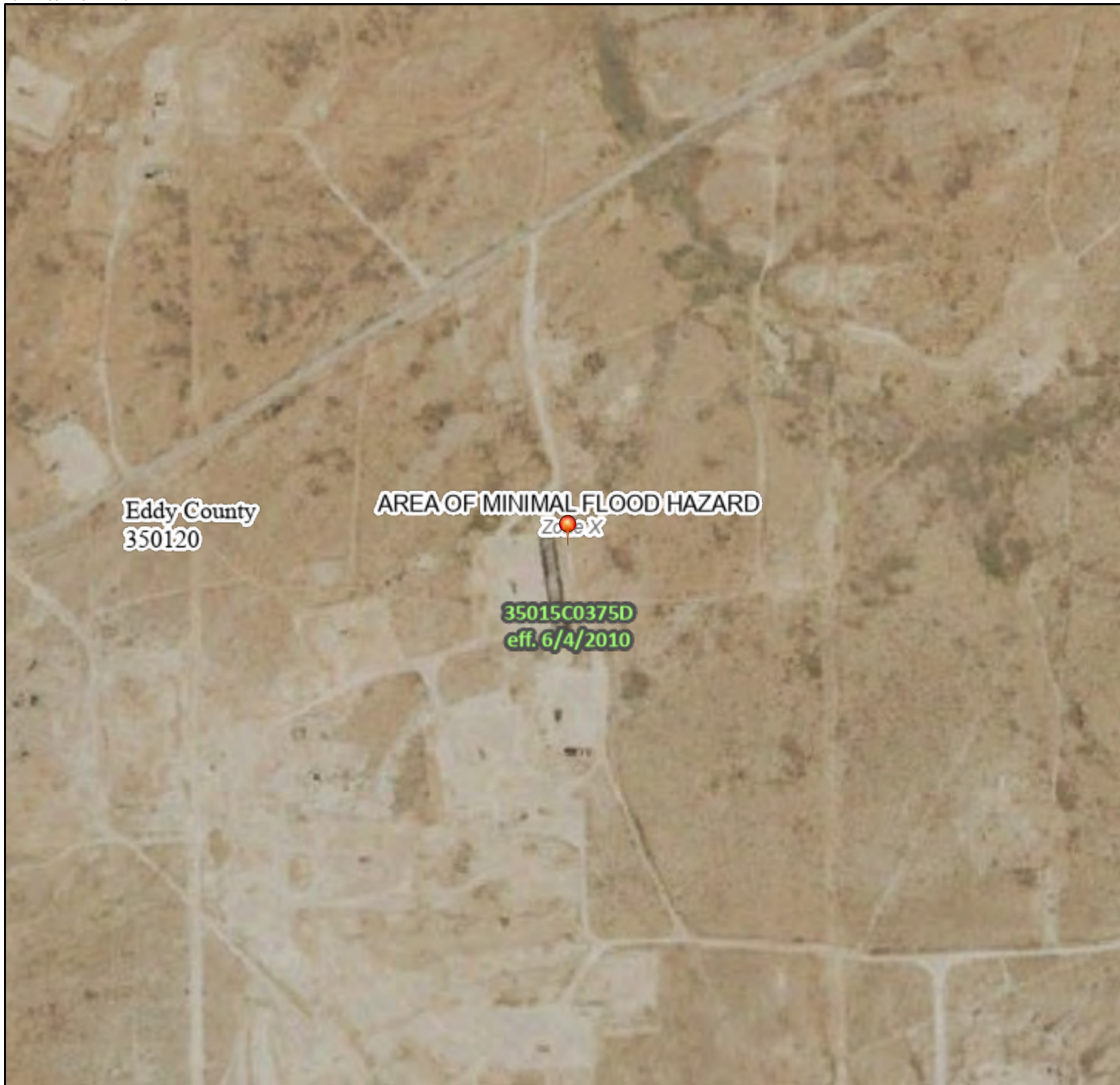
Release
 Survey Area
 Previous Survey
 BLM
 Private
 NM State



National Flood Hazard Layer FIRMette



104°14'33"W 32°47'26"N



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

1:6,000

104°13'56"W 32°46'56"N

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Basemap Imagery Source: USGS National Map 2023

Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/9/2024 at 2:13 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:

NMOCD Notification

Photographic Documentation



OCD Permitting

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

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

Submission Information

Submission ID:	364409	Districts:	Artesia
Operator:	[331082] Paragon Environmental LLC	Counties:	Eddy
Description:	Paragon Environmental LLC [331082] , BIG BOY STATE #1 BATTERY , nAPP2328639888		
Status:	APPROVED		
Status Date:	07/16/2024		
References (1):	nAPP2328639888		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328639888
Incident Name	NAPP2328639888 BIG BOY STATE #1 BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	BIG BOY STATE #1 BATTERY
Date Release Discovered	10/13/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	8,420
What is the estimated number of samples that will be gathered	66
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/19/2024
Time sampling will commence	12:00 PM
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	32.786406,-104.237412

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	cjones1 (7/16/2024), 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:	368567	Districts:	Artesia
Operator:	[331082] Paragon Environmental LLC	Counties:	Eddy
Description:	Paragon Environmental LLC [331082] , BIG BOY STATE #1 BATTERY , nAPP2328639888		
Status:	APPROVED		
Status Date:	07/30/2024		
References (1):	nAPP2328639888		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328639888
Incident Name	NAPP2328639888 BIG BOY STATE #1 BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	BIG BOY STATE #1 BATTERY
Date Release Discovered	10/13/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	17,410
What is the estimated number of samples that will be gathered	111
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/02/2024
Time sampling will commence	09:00 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	GPS 32.78641,-104.23741

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	cjones1 (7/30/2024), 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.
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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:	370307	Districts:	Artesia
Operator:	[331082] Paragon Environmental LLC	Counties:	Eddy
Description:	Paragon Environmental LLC [331082] , BIG BOY STATE #1 BATTERY , nAPP2328639888		
Status:	APPROVED		
Status Date:	08/05/2024		
References (1):	nAPP2328639888		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2328639888
Incident Name	NAPP2328639888 BIG BOY STATE #1 BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source

Site Name	BIG BOY STATE #1 BATTERY
Date Release Discovered	10/13/2023
Surface Owner	State

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	3,906
What is the estimated number of samples that will be gathered	33
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/07/2024
Time sampling will commence	11:00 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	GPS 32.78641,-104.23741

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	cJones1 (8/5/2024), 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.
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Reasons

No reasons found for this submission.

Go Back



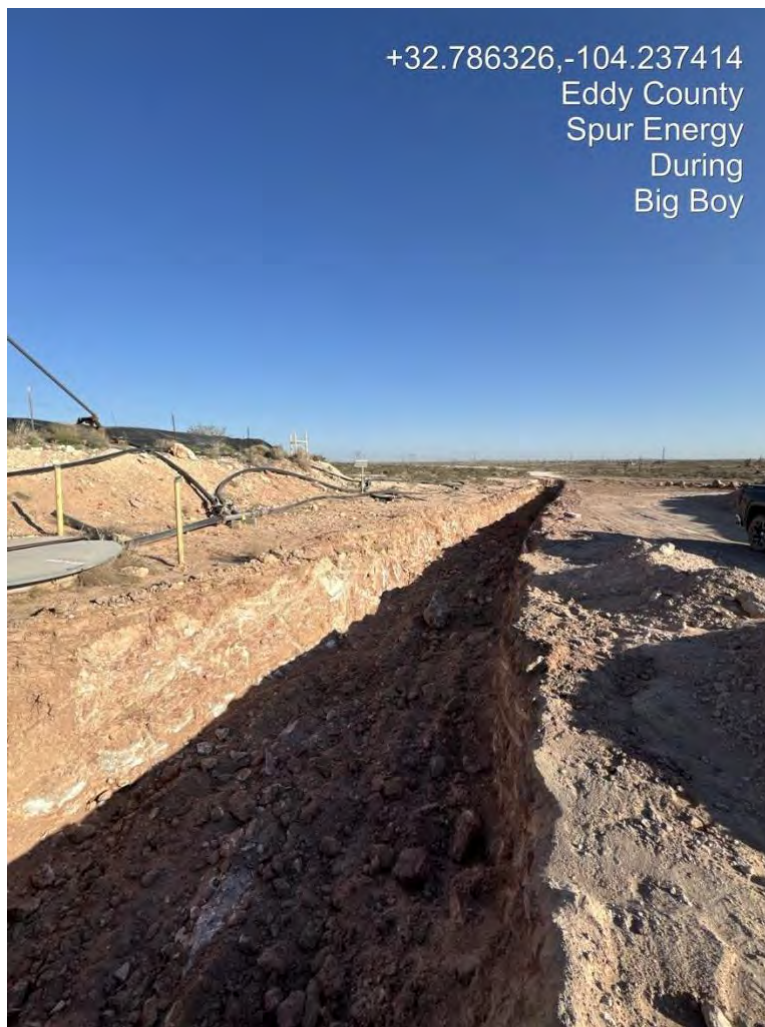
**Photographic Documentation
Before**





During





Completed





Appendix D:
Laboratory Results



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

September 20, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BIG BOY STATE 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 09/17/24 17:01.

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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For 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: 09/17/2024
Reported: 09/20/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 09/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BACKFILL CONF. 1 (H245660-01)

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	09/19/2024	ND	2.32	116	2.00	1.55		
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965		
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22		
Total BTEX	<0.300	0.300	09/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/19/2024	ND	400	100	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	09/18/2024	ND	188	94.2	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	195	97.7	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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: 09/17/2024
Reported: 09/20/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 09/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BACKFILL CONF. 2 (H245660-02)

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	09/19/2024	ND	2.32	116	2.00	1.55		
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965		
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22		
Total BTEx	<0.300	0.300	09/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/19/2024	ND	400	100	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	09/18/2024	ND	188	94.2	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	195	97.7	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For 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:	09/17/2024	Sampling Date:	09/17/2024
Reported:	09/20/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY COUNTY		

Sample ID: BACKFILL CONF. 3 (H245660-03)

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	09/19/2024	ND	2.32	116	2.00	1.55		
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965		
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22		
Total BTEx	<0.300	0.300	09/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	80.0	16.0	09/19/2024	ND	400	100	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	09/18/2024	ND	188	94.2	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	195	97.7	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Mike Snyder For 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: 09/17/2024
Reported: 09/20/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 09/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BACKFILL CONF. 4 (H245660-04)

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	09/19/2024	ND	2.32	116	2.00	1.55		
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965		
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22		
Total BTEx	<0.300	0.300	09/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/19/2024	ND	400	100	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	09/18/2024	ND	188	94.2	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	195	97.7	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Mike Snyder For 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: 09/17/2024
Reported: 09/20/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 09/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BACKFILL CONF. 5 (H245660-05)

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	09/19/2024	ND	2.32	116	2.00	1.55		
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965		
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22		
Total BTEx	<0.300	0.300	09/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/19/2024	ND	400	100	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	09/18/2024	ND	188	94.2	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/18/2024	ND	195	97.7	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	09/18/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Mike Snyder For 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: 09/17/2024
Reported: 09/20/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 09/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW - 2 8' (H245660-06)

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	09/19/2024	ND	2.32	116	2.00	1.55		
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965		
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22		
Total BTEx	<0.300	0.300	09/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/19/2024	ND	400	100	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	09/19/2024	ND	188	94.2	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	195	97.7	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For 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: 09/17/2024
Reported: 09/20/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 09/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW - 1 8' (H245660-07)

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	09/19/2024	ND	2.32	116	2.00	1.55		
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965		
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22		
Total BTEx	<0.300	0.300	09/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/19/2024	ND	400	100	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	09/19/2024	ND	188	94.2	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	195	97.7	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For 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:	09/17/2024	Sampling Date:	09/17/2024
Reported:	09/20/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY COUNTY		

Sample ID: ESW - 1 8' (H245660-08)

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	09/19/2024	ND	2.32	116	2.00	1.55		
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965		
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22		
Total BTX	<0.300	0.300	09/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	80.0	16.0	09/19/2024	ND	400	100	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	09/19/2024	ND	188	94.2	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	195	97.7	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For 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: 09/17/2024
Reported: 09/20/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 09/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW - 2 8' (H245660-09)

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	09/19/2024	ND	2.32	116	2.00	1.55		
Toluene*	<0.050	0.050	09/19/2024	ND	2.17	108	2.00	0.0965		
Ethylbenzene*	<0.050	0.050	09/19/2024	ND	2.19	110	2.00	1.44		
Total Xylenes*	<0.150	0.150	09/19/2024	ND	6.59	110	6.00	1.22		
Total BTEx	<0.300	0.300	09/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/19/2024	ND	400	100	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	09/19/2024	ND	188	94.2	200	5.11	
DRO >C10-C28*	<10.0	10.0	09/19/2024	ND	195	97.7	200	5.53	
EXT DRO >C28-C36	<10.0	10.0	09/19/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Mike Snyder For 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 black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST																													
Project Manager: Chris Jones		Company: <i>SPUR</i>																																	
Address: 1601 N. Turner St., Ste 500		Attn:																																	
City: Hobbs		Address:																																	
Phone #: 575-964-7814		City:																																	
Fax #:		State:																																	
Project #:		Zip:																																	
Project Name: <i>B-7 1309 31 1 Barbers</i>		Phone #:																																	
Project Location: <i>Rt 1 Eddy</i>		Fax #:																																	
Sample Name: <i>Amel pens</i>																																			
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		BTex		TPH		Chlorides	
<i>Haystack</i>		<i>Backfill conf. 1</i>		<i>2</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>9/17</i>		<i>1</i>		<i>1</i>		<i>1</i>			
<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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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<i>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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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<i>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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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<i>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>		<i>WSW-1 8'</i>		<i>ESW-1 8'</i>		<i>ESW-2 8'</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>Backfill conf. 1</i>		<i>Backfill conf. 2</i>		<i>Backfill conf. 3</i>		<i>Backfill conf. 4</i>		<i>Backfill conf. 5</i>																											



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

October 27, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: BIG BOY STATE 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/23/23 8:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-1 0-6" (H235778-01)

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	10/25/2023	ND	2.02	101	2.00	0.00437	
Toluene*	<0.050	0.050	10/25/2023	ND	1.91	95.5	2.00	0.954	
Ethylbenzene*	0.057	0.050	10/25/2023	ND	1.97	98.3	2.00	1.93	
Total Xylenes*	0.194	0.150	10/25/2023	ND	5.91	98.5	6.00	2.52	
Total BTEX	<0.300	0.300	10/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	10/24/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.2	10.0	10/24/2023	ND	225	113	200	4.26	
DRO >C10-C28*	2230	10.0	10/24/2023	ND	228	114	200	7.03	
EXT DRO >C28-C36	432	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-1 6 (H235778-02)

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	10/25/2023	ND	2.02	101	2.00	0.00437		
Toluene*	<0.050	0.050	10/25/2023	ND	1.91	95.5	2.00	0.954		
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	1.97	98.3	2.00	1.93		
Total Xylenes*	<0.150	0.150	10/25/2023	ND	5.91	98.5	6.00	2.52		
Total BTEx	<0.300	0.300	10/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	10/24/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	113	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	228	114	200	7.03	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-2 0-6" (H235778-03)

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	10/25/2023	ND	2.02	101	2.00	0.00437	
Toluene*	<0.050	0.050	10/25/2023	ND	1.91	95.5	2.00	0.954	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	1.97	98.3	2.00	1.93	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	5.91	98.5	6.00	2.52	
Total BTEX	<0.300	0.300	10/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	5680	16.0	10/24/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	113	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	228	114	200	7.03	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-2 2' (H235778-04)

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	10/25/2023	ND	2.02	101	2.00	0.00437	
Toluene*	<0.050	0.050	10/25/2023	ND	1.91	95.5	2.00	0.954	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	1.97	98.3	2.00	1.93	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	5.91	98.5	6.00	2.52	
Total BTEX	<0.300	0.300	10/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	2000	16.0	10/24/2023	ND	432	108	400	0.00	QM-07

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	113	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	228	114	200	7.03	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-3 0-6" (H235778-05)

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	10/25/2023	ND	2.02	101	2.00	0.00437	
Toluene*	<0.050	0.050	10/25/2023	ND	1.91	95.5	2.00	0.954	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	1.97	98.3	2.00	1.93	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	5.91	98.5	6.00	2.52	
Total BTEX	<0.300	0.300	10/25/2023	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	10/24/2023	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	113	200	4.26	
DRO >C10-C28*	268	10.0	10/24/2023	ND	228	114	200	7.03	
EXT DRO >C28-C36	41.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 69.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-3 4' (H235778-06)

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	10/25/2023	ND	2.02	101	2.00	0.00437	
Toluene*	<0.050	0.050	10/25/2023	ND	1.91	95.5	2.00	0.954	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	1.97	98.3	2.00	1.93	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	5.91	98.5	6.00	2.52	
Total BTEX	<0.300	0.300	10/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	256	16.0	10/24/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	113	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	228	114	200	7.03	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-4 0-6" (H235778-07)

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	10/25/2023	ND	2.02	101	2.00	0.00437	
Toluene*	<0.050	0.050	10/25/2023	ND	1.91	95.5	2.00	0.954	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	1.97	98.3	2.00	1.93	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	5.91	98.5	6.00	2.52	
Total BTEX	<0.300	0.300	10/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	14400	16.0	10/24/2023	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	113	200	4.26	
DRO >C10-C28*	640	10.0	10/24/2023	ND	228	114	200	7.03	
EXT DRO >C28-C36	113	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-4 4' (H235778-08)

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	10/25/2023	ND	2.02	101	2.00	0.00437	
Toluene*	<0.050	0.050	10/25/2023	ND	1.91	95.5	2.00	0.954	
Ethylbenzene*	<0.050	0.050	10/25/2023	ND	1.97	98.3	2.00	1.93	
Total Xylenes*	<0.150	0.150	10/25/2023	ND	5.91	98.5	6.00	2.52	
Total BTEX	<0.300	0.300	10/25/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	10/24/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	113	200	4.26	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	228	114	200	7.03	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-5 0-6" (H235778-09)

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	10/26/2023	ND	2.05	102	2.00	1.37		
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68		
Total BTEX	<0.300	0.300	10/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12800	16.0	10/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	225	113	200	4.26	
DRO >C10-C28*	44.2	10.0	10/24/2023	ND	228	114	200	7.03	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-5 2.5' (H235778-10)

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	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	0.161	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	0.581	0.150	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTEX	0.781	0.300	10/26/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14000	16.0	10/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	22.8	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	488	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	65.4	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-6 0-6" (H235778-11)

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	10/26/2023	ND	2.05	102	2.00	1.37		
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68		
Total BTEx	<0.300	0.300	10/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	3040	16.0	10/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	11.0	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-6 4' (H235778-12)

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	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTEx	<0.300	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	272	16.0	10/24/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-7 0-6" (H235778-13)

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	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	0.082	0.050	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	0.197	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	0.606	0.150	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTEX	0.889	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	19000	16.0	10/24/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	46.8	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	1500	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	233	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-7 3.5' (H235778-14)

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	10/26/2023	ND	2.05	102	2.00	1.37		
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68		
Total BTEX	<0.300	0.300	10/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	6480	16.0	10/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	674	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	92.3	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-8 0-6" (H235778-15)

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	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	0.172	0.050	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	0.217	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	0.567	0.150	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTEX	0.973	0.300	10/26/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	27600	16.0	10/24/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	380	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	55.5	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-8 2.5' (H235778-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/26/2023	ND	2.05	102	2.00	1.37		
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68		
Total BTEX	<0.300	0.300	10/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20800	16.0	10/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-9 0-6" (H235778-17)

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	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	0.689	0.050	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	1.22	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	2.91	0.150	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTEX	4.87	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 142 % 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	20400	16.0	10/24/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	63.5	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	887	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	133	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-9 4' (H235778-18)

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	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTEX	<0.300	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	13200	16.0	10/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-10 0-6" (H235778-19)

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	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	0.180	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	0.531	0.150	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTEX	0.762	0.300	10/26/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13600	16.0	10/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	220	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	32.7	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-10 4' (H235778-20)

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	10/26/2023	ND	2.05	102	2.00	1.37		
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68		
Total BTX	<0.300	0.300	10/26/2023	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	8000	16.0	10/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-11 0-6" (H235778-21)

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	10/26/2023	ND	2.05	102	2.00	1.37		
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68		
Total BTX	<0.300	0.300	10/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	18000	16.0	10/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-11 4' (H235778-22)

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	10/26/2023	ND	2.05	102	2.00	1.37		
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68		
Total BTEX	<0.300	0.300	10/26/2023	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	7200	16.0	10/24/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-12 0-6" (H235778-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	12.8	2.00	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	116	2.00	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	88.6	2.00	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	161	6.00	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTEX	379	12.0	10/26/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14200	16.0	10/24/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	7080	50.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	14600	50.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	2070	50.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 229 % 48.2-134

Surrogate: 1-Chlorooctadecane 281 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-12 4' (H235778-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.060	0.050	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	0.309	0.050	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	0.141	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	0.286	0.150	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTEX	0.797	0.300	10/26/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6530	16.0	10/24/2023	ND	400	100	400	3.92	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	47.6	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-13 0-6" (H235778-25)

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	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	0.098	0.050	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	0.064	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTX	<0.300	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	14600	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-13 5' (H235778-26)

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	10/26/2023	ND	2.05	102	2.00	1.37		
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68		
Total BTEX	<0.300	0.300	10/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9330	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-14 0-6" (H235778-27)

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	10/26/2023	ND	2.05	102	2.00	1.37	
Toluene*	0.158	0.050	10/26/2023	ND	2.03	102	2.00	1.54	
Ethylbenzene*	0.519	0.050	10/26/2023	ND	2.04	102	2.00	1.64	
Total Xylenes*	1.51	0.150	10/26/2023	ND	6.10	102	6.00	1.68	
Total BTEX	2.18	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	12200	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	24.9	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	218	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	21.7	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-14 4' (H235778-28)

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	10/26/2023	ND	2.05	102	2.00	1.37		
Toluene*	<0.050	0.050	10/26/2023	ND	2.03	102	2.00	1.54		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.04	102	2.00	1.64		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.10	102	6.00	1.68		
Total BTX	<0.300	0.300	10/26/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10400	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-15 0-6" (H235778-29)

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	10/26/2023	ND	2.01	101	2.00	0.500		
Toluene*	0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04		
Ethylbenzene*	0.071	0.050	10/26/2023	ND	2.29	115	2.00	2.13		
Total Xylenes*	0.182	0.150	10/26/2023	ND	6.99	117	6.00	2.58	QR-03	
Total BTEx	0.307	0.300	10/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12900	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	214	107	200	2.34	
DRO >C10-C28*	12.5	10.0	10/24/2023	ND	198	99.1	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-15 4' (H235778-30)

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	10/26/2023	ND	2.01	101	2.00	0.500	
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58	
Total BTEx	<0.300	0.300	10/26/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	10/24/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	24.4	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-16 0-6" (H235778-31)

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	10/26/2023	ND	2.01	101	2.00	0.500	
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58	
Total BTEx	<0.300	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	448	16.0	10/24/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-16 2' (H235778-32)

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	10/26/2023	ND	2.01	101	2.00	0.500		
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58		
Total BTEX	<0.300	0.300	10/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	10/24/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-17 0-6" (H235778-33)

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	10/26/2023	ND	2.01	101	2.00	0.500	
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58	
Total BTEx	<0.300	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	90.0	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-17 4' (H235778-34)

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	10/26/2023	ND	2.01	101	2.00	0.500		
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58		
Total BTEx	<0.300	0.300	10/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-18 0-6" (H235778-35)

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	10/26/2023	ND	2.01	101	2.00	0.500	
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58	
Total BTEX	<0.300	0.300	10/26/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11900	16.0	10/24/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	50.9	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-18 5' (H235778-36)

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	10/26/2023	ND	2.01	101	2.00	0.500		
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58		
Total BTEX	<0.300	0.300	10/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-19 0-6" (H235778-37)

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	10/26/2023	ND	2.01	101	2.00	0.500		
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58		
Total BTEx	<0.300	0.300	10/26/2023	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	192	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	444	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	403	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-19 2' (H235778-38)

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	10/26/2023	ND	2.01	101	2.00	0.500	
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58	
Total BTX	<0.300	0.300	10/26/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	10/24/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	51.5	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	23.5	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-20 0-6" (H235778-39)

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	10/26/2023	ND	2.01	101	2.00	0.500	
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58	
Total BTEx	<0.300	0.300	10/26/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3720	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	356	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	81.4	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-20 4' (H235778-40)

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	10/26/2023	ND	2.01	101	2.00	0.500		
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58		
Total BTEx	<0.300	0.300	10/26/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2760	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-21 0-6" (H235778-41)

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	10/26/2023	ND	2.01	101	2.00	0.500	
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58	
Total BTX	<0.300	0.300	10/26/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	10/24/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	62.7	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-21 4' (H235778-42)

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	10/26/2023	ND	2.01	101	2.00	0.500		
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58		
Total BTEx	<0.300	0.300	10/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	368	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-22 0-6" (H235778-43)

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	10/26/2023	ND	2.01	101	2.00	0.500	
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58	
Total BTEx	<0.300	0.300	10/26/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1080	16.0	10/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	130	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	16.1	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-22 3' (H235778-44)

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	10/26/2023	ND	2.01	101	2.00	0.500	
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58	
Total BTX	<0.300	0.300	10/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	2200	16.0	10/25/2023	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	57.9	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	11.9	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-23 0-6" (H235778-45)

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	10/26/2023	ND	2.01	101	2.00	0.500	
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04	
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13	
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58	
Total BTEx	<0.300	0.300	10/26/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	10/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	21.1	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/23/2023
Reported: 10/27/2023
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/20/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-23 3' (H235778-46)

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	10/26/2023	ND	2.01	101	2.00	0.500		
Toluene*	<0.050	0.050	10/26/2023	ND	2.09	104	2.00	1.04		
Ethylbenzene*	<0.050	0.050	10/26/2023	ND	2.29	115	2.00	2.13		
Total Xylenes*	<0.150	0.150	10/26/2023	ND	6.99	117	6.00	2.58		
Total BTEx	<0.300	0.300	10/26/2023	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	2760	16.0	10/25/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2023	ND	227	114	200	2.87	
DRO >C10-C28*	<10.0	10.0	10/24/2023	ND	237	119	200	5.04	
EXT DRO >C28-C36	<10.0	10.0	10/24/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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 "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO																																					
Project Manager: Chris Jones																																									
Address: 1601 N. Turner St., Ste 500		Company: Spur																																							
City: Hobbs		Attn: Bradley Wolder																																							
Phone #: 575-964-7814		Address:																																							
Project #:		City:																																							
Project Name: Big Bay State 1 Battery		State:																																							
Project Location: Eddy County		Zip:																																							
Sampler Name: Jeremy Mauer		Phone #:																																							
FOR LAB USE ONLY		Fax #:																																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		ANALYSIS REQUEST											
H235778		S-1 0-6"																								10/20				TPH Ext. BTEX Chlorides											
1		S-1 0-6"																																							
2		S-1 0-6"																																							
3		S-2 0-6"																																							
4		S-2 7"																																							
5		S-3 0-6"																																							
6		S-3 4"																																							
7		S-4 0-6"																																							
8		S-4 4"																																							
9		S-5 0-6"																																							
10		S-5 2-5"																																							
PLEASE NOTE: Liability and Damages: Cardinal's liability and clients 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 arising 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: 10/23/25		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: [Blank]		REMARKS: Email results to Chris Jones.																															
Relinquished By: [Signature]		Time: 0820		Received By: [Signature]		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #: [Blank]																																	
Delivered By: (Circle One)		Time: [Blank]		Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact		CHECKED BY: [Signature]																																			
Sampler - UPS - Bus - Other: [Blank]		#140		Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>																																	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO																																																									
Project Manager: Chris Jones		Company: Spur		ANALYSIS REQUEST																																																									
Address: 1601 N. Turner St., Ste 500		Attn: Bradley Wolder																																																											
City: Hobbs		Address:																																																											
Phone #: 575-964-7814		City:																																																											
Fax #:		State:																																																											
Project #:		Zip:																																																											
Project Name: Big Big State 1 Battery		Phone #:																																																											
Project Location: Eddy		Fax #:																																																											
Sampler Name: Jeremy Warner																																																													
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		TPH Ext.										BTEX										Chlor: dos											
H35718		11		S.C		0.6																						10/20																																	
12		S.C		4'																																																									
13		S.9		0.6																																																									
14		S.9		3.5																																																									
15		S.8		0.6																																																									
16		S.8		2.5																																																									
17		S.4		0.6																																																									
18		S.4		4'																																																									
19		S.10		0.6																																																									
20		S.10		4																																																									
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Relinquished By: K.R. Mc		Date: 10/23/23		Received By: Jennifer Wolder		Date: 10/23/23		Time: 0820		Received By: Jennifer Wolder		Date: 10/23/23		Time: 0820		REMARKS: Email results to Chris Jones.																																													
Delivered By: (Circle One)		#140		Sample Condition		Cool		Intact		Checked By: (Initials)		Y.S.																																																	
Sampler - UPS - Bus - Other: -16.0°C				Cool		Yes		No		Intact		Yes		No																																															

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

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: Big Box Store 1 Battery

Project Location: Eddy

Sampler Name: Evelyn Mauer

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H23578

21 S-11 0.6-
22 S-11 4'
23 S-12 0.6-
24 S-12 4'
25 S-13 0.6-
26 S-13 5'
27 S-14 0.6-
28 S-14 4'
29 S-15 0.6-
30 S-15 4'

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE

TIME

TPH Ext.
BTEX
Chlorides

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Spur

Attn: Evelyn Mauer

Address:

City:

State: Zip:

Phone #:

Fax #:

PRESERV

SAMPLING

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Relinquished By:

Date: 10/23/23 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)

Sampler - UPS - Bus - Other:

#140 - 16.0 c

Sample Condition
Cool Initial ☒ Yes ☐ No
Yes ☒ No ☐

CHECKED BY: (Initials)
AS

Email results to Chris Jones

† 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		P.O. #:		BILL TO																																									
Project Manager: Chris Jones		Company: Spuv		ANALYSIS REQUEST																																									
Address: 1601 N. Turner St., Ste 500		Attn: Bradley Welter																																											
City: Hobbs		Address:																																											
Phone #: 575-964-7814		Fax #:																																											
Project #:		City:																																											
Project Name: Big Boy State 1 Battery		State:																																											
Project Location: Eddy		Zip:																																											
Sampler Name: Jeremy Manner		Phone #:																																											
Fax #:																																													
FOR LAB USE ONLY																																													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPHEst.		BTEX		Chlorides											
He35778		S-16 0.6"																								10/26																			
31		S-16 0.6"																																											
33		S-16 2"																																											
33		S-14 0.6"																																											
34		S-14 4"																																											
35		S-18 0.6"																																											
34		S-18 4"																																											
37		S-14 0.6"																																											
38		S-14 2"																																											
39		S-20 0.6"																																											
40		S-20 4"																																											
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Relinquished By: <i>JP.W</i>		Date: 10/23/23		Received By: <i>Bradley Welter</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:		REMARKS: Email results to Chris Jones																																			
Relinquished By: <i>JP.W</i>		Date: 08/20		Received By: <i>Bradley Welter</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:																																					
Time:																																													
Delivered By: (Circle One)		Sample Condition		CHECKED BY: (Initials)																																									
Sampler - UPS - Bus - Other: <i>Heb</i>		<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact		<i>JP.W</i>																																									
		<input type="checkbox"/> Yes <input type="checkbox"/> No																																											

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:		BILL TO																																																							
Project Manager: Chris Jones		Company: Spur		ANALYSIS REQUEST																																																							
Address: 1601 N. Turner St., Ste 500		Attn: Brady Melder																																																									
City: Hobbs		Address:																																																									
Phone #: 575-964-7814		Fax #:																																																									
Project #:		City:																																																									
Project Name: Big Boy State 1 Battery		State:																																																									
Project Location: Eddy		Zip:																																																									
Sampler Name: Jeremy Mauer		Phone #:																																																									
Fax #:																																																											
FOR LAB USE ONLY																																																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH Ext.										BTEX										Chlorides									
H235778		S-21 0-L-																								10/20																																	
41		S-21 0-L-																																																									
42		S-21 4'																																																									
43		S-22 0-L-																																																									
44		S-22 3'																																																									
45		S-23 0-L-																																																									
46		S-23 3'																																																									
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Relinquished By: [Signature]		Date: 10/23/23		Received By: [Signature]		Date: 10/23/23		Time: 0820		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) [Signature]		REMARKS: Email results to Chris Jones.																																													
Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: 16.0°C		#140		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) [Signature]																																																					

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

February 21, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BIG BOY STATE 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/16/24 16:56.

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:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

Sample ID: S - 2 3' (H240769-01)

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	02/19/2024	ND	2.01	101	2.00	6.67	
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54	
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07	
Total BTX	<0.300	0.300	02/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	02/19/2024	ND	432	108	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	02/19/2024	ND	223	112	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	215	108	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 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:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

Sample ID: S - 5 6' (H240769-02)

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	02/19/2024	ND	2.01	101	2.00	6.67		
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54		
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26		
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07		
Total BTEx	<0.300	0.300	02/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	912	16.0	02/19/2024	ND	432	108	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	02/19/2024	ND	223	112	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	215	108	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 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: 02/16/2024
Reported: 02/21/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

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

Sample ID: S - 7 4' (H240769-03)

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	02/19/2024	ND	2.01	101	2.00	6.67		
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54		
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26		
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07		
Total BTEX	<0.300	0.300	02/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	02/19/2024	ND	432	108	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	02/19/2024	ND	223	112	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	215	108	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 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:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

Sample ID: S - 8 10' (H240769-04)

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	02/19/2024	ND	2.01	101	2.00	6.67		
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54		
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26		
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07		
Total BTEX	<0.300	0.300	02/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	896	16.0	02/19/2024	ND	432	108	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	02/19/2024	ND	223	112	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	215	108	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 63.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.0 % 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:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

Sample ID: S - 9 10' (H240769-05)

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	02/19/2024	ND	2.01	101	2.00	6.67		
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54		
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26		
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07		
Total BTEX	<0.300	0.300	02/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	1010	16.0	02/19/2024	ND	432	108	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	02/19/2024	ND	223	112	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	215	108	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 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: 02/16/2024
Reported: 02/21/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

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

Sample ID: S - 10 6' (H240769-06)

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	02/19/2024	ND	2.01	101	2.00	6.67		
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54		
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26		
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07		
Total BTEx	<0.300	0.300	02/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	02/19/2024	ND	432	108	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	02/19/2024	ND	223	112	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	215	108	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 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:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

Sample ID: S - 11 8' (H240769-07)

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	02/19/2024	ND	2.01	101	2.00	6.67		
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54		
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26		
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07		
Total BTEx	<0.300	0.300	02/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5280	16.0	02/19/2024	ND	432	108	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	02/19/2024	ND	223	112	200	1.44	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	215	108	200	1.44	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 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:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

Sample ID: S - 12 7' (H240769-08)

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	02/19/2024	ND	2.01	101	2.00	6.67		
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54		
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26		
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07		
Total BTEX	<0.300	0.300	02/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	7120	16.0	02/19/2024	ND	432	108	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	02/19/2024	ND	184	92.1	200	1.69	
DRO >C10-C28*	36.4	10.0	02/19/2024	ND	198	98.8	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 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: 02/16/2024
Reported: 02/21/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

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

Sample ID: S - 13 8' (H240769-09)

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	02/19/2024	ND	2.01	101	2.00	6.67	
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54	
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07	
Total BTEX	<0.300	0.300	02/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	7440	16.0	02/19/2024	ND	432	108	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	02/19/2024	ND	184	92.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	198	98.8	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 70.3 % 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:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

Sample ID: S - 14 6' (H240769-10)

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	02/19/2024	ND	2.01	101	2.00	6.67		
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54		
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26		
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07		
Total BTEx	<0.300	0.300	02/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	11200	16.0	02/19/2024	ND	432	108	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	02/19/2024	ND	184	92.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	198	98.8	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 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:	02/16/2024	Sampling Date:	02/15/2024
Reported:	02/21/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY COUNTY		

Sample ID: S - 18 6' (H240769-11)

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	02/19/2024	ND	2.01	101	2.00	6.67		
Toluene*	<0.050	0.050	02/19/2024	ND	2.01	101	2.00	5.54		
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.01	100	2.00	5.26		
Total Xylenes*	<0.150	0.150	02/19/2024	ND	5.97	99.4	6.00	5.07		
Total BTEX	<0.300	0.300	02/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	1540	16.0	02/19/2024	ND	432	108	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	02/19/2024	ND	184	92.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	198	98.8	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 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: 02/16/2024
Reported: 02/21/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

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

Sample ID: S - 20 5.5' (H240769-12)

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	02/19/2024	ND	1.98	99.0	2.00	6.00	
Toluene*	<0.050	0.050	02/19/2024	ND	2.05	103	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.12	106	2.00	1.46	
Total Xylenes*	<0.150	0.150	02/19/2024	ND	6.24	104	6.00	1.65	
Total BTEX	<0.300	0.300	02/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/19/2024	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	02/19/2024	ND	184	92.1	200	1.69	
DRO >C10-C28*	54.6	10.0	02/19/2024	ND	198	98.8	200	0.273	
EXT DRO >C28-C36	18.5	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 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: 02/16/2024
Reported: 02/21/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

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

Sample ID: S - 22 4' (H240769-13)

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	02/19/2024	ND	1.98	99.0	2.00	6.00	
Toluene*	<0.050	0.050	02/19/2024	ND	2.05	103	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.12	106	2.00	1.46	
Total Xylenes*	<0.150	0.150	02/19/2024	ND	6.24	104	6.00	1.65	
Total BTX	<0.300	0.300	02/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	288	16.0	02/19/2024	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	02/19/2024	ND	184	92.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	198	98.8	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 68.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 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: 02/16/2024
Reported: 02/21/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

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

Sample ID: S - 23 5' (H240769-14)

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	02/19/2024	ND	1.98	99.0	2.00	6.00	
Toluene*	<0.050	0.050	02/19/2024	ND	2.05	103	2.00	0.516	
Ethylbenzene*	<0.050	0.050	02/19/2024	ND	2.12	106	2.00	1.46	
Total Xylenes*	<0.150	0.150	02/19/2024	ND	6.24	104	6.00	1.65	
Total BTX	<0.300	0.300	02/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	02/19/2024	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	02/19/2024	ND	184	92.1	200	1.69	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	198	98.8	200	0.273	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 66.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 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 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

Project Manager: Cason Spurlock

Address: 5002 Carriage Rd

City: Hobbs

Phone #: 575-631-6977

State: NM Zip: 88242

Project #:

Project Owner: Spv

Project Name: B. J. Box State Battery

Project Location: Eddy

Sampler Name: Jeremy Warner

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H240769

11

5-18

6'

12

5-20

5 1/2"

13

5-22

4'

14

5-23

5'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH Ext

BTEX

Chlorides

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Spv

Attn: Bradley McMiller

Address:

City:

State:

Zip:

Phone #:

Fax #:

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Relinquished By:

Date: 02/16

Received By:

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

REMARKS:

Email results to Chris Jones

Relinquished By:

Date: 10/26

Received By:

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

REMARKS:

Delivered By: (Circle One)

#140

Sample Condition

CHECKED BY: (Initials)

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

REMARKS:

Sampler - UPS - Bus - Other:

- 1.1c

Sample Condition

CHECKED BY: (Initials)

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

REMARKS:

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



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

July 26, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BIG BOY STATE 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/23/24 10:55.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 1 8' (H244363-01)

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	07/23/2024	ND	2.00	99.9	2.00	1.74	
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	16.0	16.0	07/23/2024	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	07/23/2024	ND	180	89.9	200	0.447	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.6	200	0.339	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 2 8' (H244363-02)

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	07/23/2024	ND	2.00	99.9	2.00	1.74		
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54		
Total BTEx	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	180	89.9	200	0.447	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.6	200	0.339	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 3 4' (H244363-03)

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	07/23/2024	ND	2.00	99.9	2.00	1.74		
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54		
Total BTEX	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	180	89.9	200	0.447	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.6	200	0.339	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 4 4' (H244363-04)

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	07/23/2024	ND	2.00	99.9	2.00	1.74	
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	180	89.9	200	0.447	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.6	200	0.339	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 73.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 5 4' (H244363-05)

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	07/23/2024	ND	2.00	99.9	2.00	1.74		
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54		
Total BTEX	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	180	89.9	200	0.447	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.6	200	0.339	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 6 4' (H244363-06)

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	07/23/2024	ND	2.00	99.9	2.00	1.74	
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	180	89.9	200	0.447	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.6	200	0.339	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 7 4' (H244363-07)

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	07/23/2024	ND	2.00	99.9	2.00	1.74	
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	<16.0	16.0	07/23/2024	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	07/24/2024	ND	180	89.9	200	0.447	
DRO >C10-C28*	<10.0	10.0	07/24/2024	ND	171	85.6	200	0.339	
EXT DRO >C28-C36	<10.0	10.0	07/24/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 8 4' (H244363-08)

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	07/23/2024	ND	2.00	99.9	2.00	1.74		
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54		
Total BTEX	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	<16.0	16.0	07/23/2024	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	07/24/2024	ND	180	89.9	200	0.447	
DRO >C10-C28*	<10.0	10.0	07/24/2024	ND	171	85.6	200	0.339	
EXT DRO >C28-C36	<10.0	10.0	07/24/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 9 5.5' (H244363-09)

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	07/23/2024	ND	2.00	99.9	2.00	1.74		
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54		
Total BTEX	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	32.0	16.0	07/23/2024	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	07/24/2024	ND	180	89.9	200	0.447	
DRO >C10-C28*	<10.0	10.0	07/24/2024	ND	171	85.6	200	0.339	
EXT DRO >C28-C36	<10.0	10.0	07/24/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 10 5.5' (H244363-10)

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	07/23/2024	ND	2.00	99.9	2.00	1.74		
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54		
Total BTEx	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 11 5.5' (H244363-11)

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	07/23/2024	ND	2.00	99.9	2.00	1.74		
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54		
Total BTEx	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 12 5.5' (H244363-12)

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	07/23/2024	ND	2.00	99.9	2.00	1.74	
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54	
Total BTX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 13 5.5' (H244363-13)

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	07/23/2024	ND	2.00	99.9	2.00	1.74		
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54		
Total BTEx	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 14 5.5' (H244363-14)

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	07/23/2024	ND	2.00	99.9	2.00	1.74		
Toluene*	<0.050	0.050	07/23/2024	ND	1.98	99.1	2.00	2.47		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	99.9	2.00	2.44		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.89	98.1	6.00	2.54		
Total BTX	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 15 2' (H244363-15)

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	07/23/2024	ND	2.22	111	2.00	3.96		
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69		
Total BTEx	<0.300	0.300	07/23/2024	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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 16 2' (H244363-16)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 17 2' (H244363-17)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTEx	<0.300	0.300	07/23/2024	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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 18 2' (H244363-18)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	<16.0	16.0	07/23/2024	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	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 19 2' (H244363-19)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTX	<0.300	0.300	07/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 20 2' (H244363-20)

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	07/23/2024	ND	2.22	111	2.00	3.96		
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69		
Total BTEx	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	07/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 21 2' (H244363-21)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 22 2' (H244363-22)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 138 % 71.5-134

Chloride, SM4500Cl-B			mg/kg					Analyzed By: AC	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 23 2' (H244363-23)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 24 2' (H244363-24)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTEx	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 25 2' (H244363-25)

BTX 8021B			mg/kg		Analyzed By: JH			S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/23/2024	ND	2.22	111	2.00	3.96		
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69		
Total BTX	<0.300	0.300	07/23/2024	ND						

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

Chloride, SM4500Cl-B			mg/kg					Analyzed By: AC	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 26 2' (H244363-26)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTEX	<0.300	0.300	07/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 27 2' (H244363-27)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTEx	<0.300	0.300	07/23/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 28 2' (H244363-28)

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	07/23/2024	ND	2.22	111	2.00	3.96		
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69		
Total BTEx	<0.300	0.300	07/23/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 29 2' (H244363-29)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTEX	<0.300	0.300	07/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	195	97.4	200	1.82	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	175	87.4	200	4.53	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 30 2' (H244363-30)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTEx	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 141 % 71.5-134

Chloride, SM4500Cl-B			mg/kg					Analyzed By: AC	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 31 2' (H244363-31)

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	07/23/2024	ND	2.22	111	2.00	3.96		
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69		
Total BTEx	<0.300	0.300	07/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 32 2' (H244363-32)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 33 2' (H244363-33)

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	07/23/2024	ND	2.22	111	2.00	3.96	
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69	
Total BTEx	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 34 2' (H244363-34)

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	07/23/2024	ND	2.22	111	2.00	3.96		
Toluene*	<0.050	0.050	07/23/2024	ND	2.34	117	2.00	1.12		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.24	112	2.00	0.939		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	6.82	114	6.00	2.69		
Total BTEx	<0.300	0.300	07/23/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 35 2' (H244363-35)

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	07/23/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/23/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	7.29	122	6.00	2.16	
Total BTX	<0.300	0.300	07/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 36 2' (H244363-36)

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	07/23/2024	ND	2.35	118	2.00	0.200		
Toluene*	<0.050	0.050	07/23/2024	ND	2.38	119	2.00	2.12		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.46	123	2.00	2.28		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	7.29	122	6.00	2.16		
Total BTEx	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	07/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 37 6' (H244363-37)

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	07/23/2024	ND	2.35	118	2.00	0.200		
Toluene*	<0.050	0.050	07/23/2024	ND	2.38	119	2.00	2.12		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.46	123	2.00	2.28		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	7.29	122	6.00	2.16		
Total BTEX	<0.300	0.300	07/23/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 38 6' (H244363-38)

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	07/23/2024	ND	2.35	118	2.00	0.200		
Toluene*	<0.050	0.050	07/23/2024	ND	2.38	119	2.00	2.12		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.46	123	2.00	2.28		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	7.29	122	6.00	2.16		
Total BTEx	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	07/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 40 6' (H244363-40)

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	07/23/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/23/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	7.29	122	6.00	2.16	
Total BTEX	<0.300	0.300	07/23/2024	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	16.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 41 6' (H244363-41)

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	07/23/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/23/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	7.29	122	6.00	2.16	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	16.0	16.0	07/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 42 6' (H244363-42)

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	07/23/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/23/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	7.29	122	6.00	2.16	
Total BTEX	<0.300	0.300	07/23/2024	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	16.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 43 6' (H244363-43)

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	07/23/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/23/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	7.29	122	6.00	2.16	
Total BTX	<0.300	0.300	07/23/2024	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	32.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B - 44 6' (H244363-44)

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	07/23/2024	ND	2.35	118	2.00	0.200		
Toluene*	<0.050	0.050	07/23/2024	ND	2.38	119	2.00	2.12		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.46	123	2.00	2.28		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	7.29	122	6.00	2.16		
Total BTEX	<0.300	0.300	07/23/2024	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	16.0	16.0	07/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 1 4' (H244363-45)

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	07/23/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/23/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	7.29	122	6.00	2.16	
Total BTEX	<0.300	0.300	07/23/2024	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	16.0	16.0	07/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 1 4' (H244363-46)

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	07/24/2024	ND	2.35	118	2.00	0.200		
Toluene*	<0.050	0.050	07/24/2024	ND	2.38	119	2.00	2.12		
Ethylbenzene*	<0.050	0.050	07/24/2024	ND	2.46	123	2.00	2.28		
Total Xylenes*	<0.150	0.150	07/24/2024	ND	7.29	122	6.00	2.16		
Total BTEx	<0.300	0.300	07/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	32.0	16.0	07/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 1 4' (H244363-47)

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	07/24/2024	ND	2.35	118	2.00	0.200		
Toluene*	<0.050	0.050	07/24/2024	ND	2.38	119	2.00	2.12		
Ethylbenzene*	<0.050	0.050	07/24/2024	ND	2.46	123	2.00	2.28		
Total Xylenes*	<0.150	0.150	07/24/2024	ND	7.29	122	6.00	2.16		
Total BTEx	<0.300	0.300	07/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	<16.0	16.0	07/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 2 4' (H244363-48)

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	07/24/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/24/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/24/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/24/2024	ND	7.29	122	6.00	2.16	
Total BTX	<0.300	0.300	07/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	16.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/24/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/24/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 2 4' (H244363-49)

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	07/24/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/24/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/24/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/24/2024	ND	7.29	122	6.00	2.16	
Total BTX	<0.300	0.300	07/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	<16.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/24/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/24/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 2 4' (H244363-50)

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	07/24/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/24/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/24/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/24/2024	ND	7.29	122	6.00	2.16	
Total BTX	<0.300	0.300	07/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	<16.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2024	ND	176	87.8	200	6.52	
DRO >C10-C28*	<10.0	10.0	07/24/2024	ND	171	85.7	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	07/24/2024	ND					

Surrogate: 1-Chlorooctane 92.5 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 1 4' (H244363-51)

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	07/24/2024	ND	2.35	118	2.00	0.200		
Toluene*	<0.050	0.050	07/24/2024	ND	2.38	119	2.00	2.12		
Ethylbenzene*	<0.050	0.050	07/24/2024	ND	2.46	123	2.00	2.28		
Total Xylenes*	<0.150	0.150	07/24/2024	ND	7.29	122	6.00	2.16		
Total BTEx	<0.300	0.300	07/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	<16.0	16.0	07/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 5 4' (H244363-52)

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	07/24/2024	ND	2.35	118	2.00	0.200		
Toluene*	<0.050	0.050	07/24/2024	ND	2.38	119	2.00	2.12		
Ethylbenzene*	<0.050	0.050	07/24/2024	ND	2.46	123	2.00	2.28		
Total Xylenes*	<0.150	0.150	07/24/2024	ND	7.29	122	6.00	2.16		
Total BTEx	<0.300	0.300	07/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	<16.0	16.0	07/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 3 5.5' (H244363-53)

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	07/24/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/24/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/24/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/24/2024	ND	7.29	122	6.00	2.16	
Total BTEX	<0.300	0.300	07/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	<16.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 3 5.5' (H244363-54)

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	07/24/2024	ND	2.35	118	2.00	0.200		
Toluene*	<0.050	0.050	07/24/2024	ND	2.38	119	2.00	2.12		
Ethylbenzene*	<0.050	0.050	07/24/2024	ND	2.46	123	2.00	2.28		
Total Xylenes*	<0.150	0.150	07/24/2024	ND	7.29	122	6.00	2.16		
Total BTEX	<0.300	0.300	07/24/2024	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	<16.0	16.0	07/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 2 5.5' (H244363-55)

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	07/24/2024	ND	2.35	118	2.00	0.200	
Toluene*	<0.050	0.050	07/24/2024	ND	2.38	119	2.00	2.12	
Ethylbenzene*	<0.050	0.050	07/24/2024	ND	2.46	123	2.00	2.28	
Total Xylenes*	<0.150	0.150	07/24/2024	ND	7.29	122	6.00	2.16	
Total BTX	<0.300	0.300	07/24/2024	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	16.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 3 5.5' (H244363-56)

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	07/23/2024	ND	2.00	100	2.00	0.0556	
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	32.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 4 2' (H244363-57)

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	07/23/2024	ND	2.00	100	2.00	0.0556	
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	<16.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 4 2' (H244363-58)

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	07/23/2024	ND	2.00	100	2.00	0.0556		
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874		
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56		
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63		
Total BTEx	<0.300	0.300	07/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	16.0	16.0	07/24/2024	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 5 4' (H244363-59)

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	07/23/2024	ND	2.00	100	2.00	0.0556	
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	<16.0	16.0	07/24/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 4 4' (H244363-60)

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	07/23/2024	ND	2.00	100	2.00	0.0556	
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63	
Total BTEx	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	16.0	16.0	07/24/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 3 4' (H244363-61)

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	07/23/2024	ND	2.00	100	2.00	0.0556	
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 6 2' (H244363-62)

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	07/23/2024	ND	2.00	100	2.00	0.0556	
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	16.0	16.0	07/24/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 6 2' (H244363-63)

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	07/23/2024	ND	2.00	100	2.00	0.0556	
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63	
Total BTX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	400	100	400	7.69	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 7 6' (H244363-64)

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	07/23/2024	ND	2.00	100	2.00	0.0556	
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63	
Total BTX	<0.300	0.300	07/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/24/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 7 6' (H244363-65)

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	07/23/2024	ND	2.00	100	2.00	0.0556	
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63	
Total BTEX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/24/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/23/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/23/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 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: 07/23/2024
Reported: 07/26/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 07/19/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 5 6' (H244363-66)

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	07/23/2024	ND	2.00	100	2.00	0.0556	
Toluene*	<0.050	0.050	07/23/2024	ND	1.94	97.2	2.00	0.874	
Ethylbenzene*	<0.050	0.050	07/23/2024	ND	2.00	100	2.00	1.56	
Total Xylenes*	<0.150	0.150	07/23/2024	ND	5.90	98.3	6.00	1.63	
Total BTX	<0.300	0.300	07/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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	16.0	16.0	07/24/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/24/2024	ND	196	97.8	200	9.42	
DRO >C10-C28*	<10.0	10.0	07/24/2024	ND	195	97.4	200	9.98	
EXT DRO >C28-C36	<10.0	10.0	07/24/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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 Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs Phone #: 575-964-7814 State: NM zip: 88240 Project #: Project Name: Big Box #1 Bktr Project Location: Rm 1 Eddy Sample Name: Asphalt Asphalt @ Box FOR LAB USE ONLY		P.O. #: Company: Spur Attn: Brady Moulder Address: City: State: zip: Phone #: Fax #:	
Lab I.D. B344303		Sample I.D. B-1 6' B-2 8' B-3 4' B-4 4' B-5 4' B-6 4' B-7 4' B-8 4' B-9 4' B-10 5.1'	
Relinquished By: [Signature]		Received By: [Signature]	
Date: 7/3/24 Time: 1055		Date: 7/19 Time:	
Relinquished By: [Signature]		Received By: [Signature]	
Delivered By: (Circle One) Driver <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
REMARKS: Chlorides TPH BTEX		ANALYSIS REQUEST	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:		BILL TO																																					
Project Manager: Chris Jones																																									
Address: 1601 N. Turner St., Ste 500		Company: Spur																																							
City: Hobbs		Attn: Brady Moulder																																							
Phone #: 575-964-7814		Address:																																							
Fax #:		City:																																							
Project #:		State: Zip:																																							
Project Name:		Phone #:																																							
Project Location:		Fax #:																																							
Sampler Name: Chris Jones																																									
FOR LAB USE ONLY																																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		ANALYSIS REQUEST											
11		B-11 S.S.'																														Chlorides									
12		B-12 S.S.'																														TPH									
13		B-13 S.S.'																														BTEX									
14		B-14 S.S.'																																							
15		B-15 2'																																							
16		B-16 2'																																							
17		B-17 2'																																							
18		B-18 2'																																							
19		B-19 2'																																							
20		B-20 2'																																							
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Relinquished By:		Date: 9-3-24		Time: 10:55		Received By:		Date:		Time:		Sample Condition		Checked By:		REMARKS:																									
Delivered By: (Circle One)		Sample - UPS - Bus - Other: -20-#140		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>																																			
Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326																																									



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST										
Project Manager: Chris Jones		Company: Spur														
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder														
City: Hobbs		Address:														
Phone #: 575-964-7814		City:														
Fax #:		State:														
Project #:		Zip:														
Project Name:		Phone #:														
Project Location:		Fax #:														
Sampler Name: <u>Jerome M.</u>																
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	Chlorides BTX TH	
H44303	B-31 2'												7/19			
B-32 2'																
B-33 2'																
B-34 2'																
B-35 2'																
B-36 2'																
B-37 6'																
B-38 6'																
B-39 6'																
B-40 6'																
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Relinquished By: <u>[Signature]</u>		Date: 7-23-24		Received By: <u>Speckiequely</u>		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 #:		REMARKS:		
Delivered By: (Circle One)		Time: 1055														
Sampler - UPS - Bus - Other: -2.0e #140		Sample Condition		CHECKED BY: <u>[Signature]</u>												
		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>														
		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>														

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST			
Project Manager: Chris Jones		Company: Spur							
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder							
City: Hobbs		Address:							
Phone #: 575-964-7814		City:							
Fax #:		State:							
Project #:		Zip:							
Project Name:		Phone #:							
Project Location:		Fax #:							
Sampler Name: <i>[Signature]</i>									
FOR LAB USE ONLY									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS
41	13-41 6'			GROUNDWATER			7/19		Chlorides
42	13-42 6'			WASTEWATER					BT CX
43	13-43 6'			SOIL					TH
44	13-44 6'			OIL					
45	13-44 14'			SLUDGE					
46	53-44 14'			OTHER:					
47	53-44 14'			ACID/BASE:					
48	53-44 14'			ICE / COOL					
49	53-44 14'			OTHER:					
50	53-44 14'								
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Relinquished By: <i>[Signature]</i>		Date: 7/23/24		Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: 1055						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One) -a.v.c.		Sample Condition		CHECKED BY: <i>[Signature]</i>					
Sampler - UPS - Bus - Other: #140		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		(Initials)					
* Transposed numbers, which caused a Dup See Sample ID. 7/23/24 #57.									



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 Phone #: 575-964-7814 Project #: Project Name: Project Location: Sampler Name: James <small>FOR LAB USE ONLY</small>				P.O. #: Company: Spur Attn: Brady Moulder Address: City: State: Phone #: Fax #:			
Lab I.D. Sample I.D.				BILL TO			
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Relinquished By: 				Relinquished By: 			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				REMARKS:			
Date: 7-23-24 Time: 1055 Date: Time:				Received By: 			
Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>				CHECKED BY: 			
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:			
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:			
Cardinal cannot accept verbal changes. Please fax written changes to (575) 293-2736				Cardinal cannot accept verbal changes. Please fax written changes to (575) 293-2736			



† Cardinal cannot accept verbal char

Released to Imaging: 11/15/2024 2:35:06 PM



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

August 09, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BIG BOY ST. #1

Enclosed are the results of analyses for samples received by the laboratory on 08/05/24 15:11.

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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-105 12' (H244688-01)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	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	128	16.0	08/07/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

Cardinal Laboratories

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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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-106 12' (H244688-02)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTEX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	96.0	16.0	08/07/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 69.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.6 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-107 14' (H244688-03)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTEX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	144	16.0	08/07/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-108 14' (H244688-04)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	112	16.0	08/07/2024	ND	432	108	400	3.77	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 64.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.0 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-109 14' (H244688-05)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	208	16.0	08/07/2024	ND	432	108	400	3.77	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 66.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-110 14' (H244688-06)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTEX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	80.0	16.0	08/07/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-111 14' (H244688-07)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	08/07/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 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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Analytical Results For:

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

Received: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-112 14' (H244688-08)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTEX	<0.300	0.300	08/07/2024	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	144	16.0	08/07/2024	ND	432	108	400	3.77	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-113 14' (H244688-09)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEX	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	160	16.0	08/07/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 50.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 51.7 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-114 14' (H244688-10)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/07/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 54.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.0 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-116 14' (H244688-12)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	08/07/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 63.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.6 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-121 4' (H244688-17)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTX	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	08/07/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 65.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-123 4' (H244688-19)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/07/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 67.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.1 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-125 4' (H244688-21)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	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	144	16.0	08/07/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 60.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.6 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-127 4' (H244688-23)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	128	16.0	08/07/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 56.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.7 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-128 4' (H244688-24)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/07/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 54.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.8 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B-131 4' (H244688-27)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/07/2024	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 54.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.7 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW-4 4' (H244688-29)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEX	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	08/07/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 60.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.7 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW-11 24' (H244688-40)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	08/07/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SSW-11 24' (H244688-41)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	16.0	16.0	08/07/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW- 7 24' (H244688-42)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/07/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW-8 12' (H244688-44)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTX	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	16.0	16.0	08/07/2024	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW-9 12' (H244688-45)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEX	<0.300	0.300	08/07/2024	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	16.0	16.0	08/07/2024	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SSW-12 14' (H244688-48)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/07/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW-10 14' (H244688-49)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	08/07/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SSW-13 4' (H244688-50)

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	08/07/2024	ND	1.91	95.3	2.00	4.03		
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85		
Total BTEx	<0.300	0.300	08/07/2024	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	<16.0	16.0	08/07/2024	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW-10 4' (H244688-51)

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	08/07/2024	ND	1.91	95.3	2.00	4.03	
Toluene*	<0.050	0.050	08/07/2024	ND	1.89	94.5	2.00	4.55	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	1.93	96.5	2.00	4.43	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.64	94.0	6.00	4.85	
Total BTX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/07/2024	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	206	103	200	1.41	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	197	98.7	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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 black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name: Paragon Environmental		P.O. #:		BILL TO										ANALYSIS REQUEST																									
Project Manager: Chris Jones		Company: Spur																																					
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder																																					
City: Hobbs		Address:																																					
Phone #: 575-964-7814		City:																																					
Project #:		State: NM																																					
Project Name: 1' B.G. Ballstede #1		Zip:																																					
Project Location: 1'		Phone #:																																					
Sample Name: Triska Jones		Fax #:																																					
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING																																	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME											
B-105		12'		C																						8/2				TPH EXT									
B-106		12'																												Chlorides									
B-107		14'																												BTEx									
B-108		14'																																					
B-109		14'																																					
B-110		14'																																					
B-111		14'																																					
B-112		14'																																					
B-113		14'																																					
B-114		14'																																					

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Relinquished By:	Date: 8/5	Received By:	Phone Result:	Yes	No	Add'l Phone #:
Relinquished By:	Date: 15/11	Received By:	Fax Result:	Yes	No	Add'l Fax #:
REMARKS:						

Delivered By: (Circle One)	3.7c / CE-06-2	Sample Condition	Cool	Intact	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	4285 3.12	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	AD

† 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

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM Zip: 88240

Phone #: 575-964-7814

Project #: Project Owner: Spur

Project Name: J1 State: Zip:

Project Location: J1 Phone #:

Sampler Name: J1 Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H244088

11 B-115 141

13 B-116 141

14 B-117 141

15 B-118 141

16 B-119 41

17 B-120 41

18 B-121 41

19 B-122 41

20 B-123 41

21 B-124 41

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH EXT
Chlorides
BTEX

NO SAMPLE
#82 & 10.24

Relinquished By:

Date: 8/5

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Date: 8/5

Received By:

Phone Result:

Yes No

Add'l Phone #:

Add'l Fax #:

Delivered By: (Circle One)

3.76 105-0.66

Sample Condition
Cool ☒ Intact ☒

CHECKED BY: (Initials)

REMARKS:

Yes No

Add'l Phone #:

Add'l Fax #:

SAMPLES # 11, 13, 14, 15, 16, 18 + 20
removed due to headspace.
Stationary 8-10-24



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.

Values

21 0-125 4'

22 0-126 4'

23 0-127 4'

24 0-128 4'

25 0-129 4'

26 0-130 4'

27 0-131 4'

28 0-132 4'

29 WSW-4 4'

30 WSW-8 10'

(G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER :
ACID/BASE:
ICE / COOL
OTHER :

DATE
TIME

TPH EXT
Chlorides
BTEx

NO
sample

Relinquished By: Date: 8/5 Received By: Date: 8/5

Relinquished By: Time: 1511 Received By: ADP

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

3.7c 10c-0.0c
3.1c

Sample Condition
Cool Intact
☒ Yes ☐ No

CHECKED BY: (Initials)
ADP

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

SAMPLES # 29, 25, 26, 28 + 30 removed due to headspace. S. 10-24



CARDINAL
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: Spur City: _____ State: _____ Zip: _____ Project Name: " Phone #: _____ Project Location: " Fax #: _____ Sampler Name: "				BILL TO P.O. #: _____ Company: Spur Attn: Brady Moulder Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST	
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 this analysis. 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, whether 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: _____ Date: 8/5 Time: 1511		Received By: ADP Date: _____ Time: _____		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: _____ (Initials)	
Relinquished By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: _____ (Initials)	
Delivered By: (Circle One) 3-7-10C D.C. 3-12		Delivered By: (Circle One) 3-7-10C D.C. 3-12		Delivered By: (Circle One) 3-7-10C D.C. 3-12		Delivered By: (Circle One) 3-7-10C D.C. 3-12	
Sampler - UPS - Bus - Other: _____		Sampler - UPS - Bus - Other: _____		Sampler - UPS - Bus - Other: _____		Sampler - UPS - Bus - Other: _____	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	TPH EXT	Chlorides	BTEX	NO SAMPLE	* SEE 8-12-24
33	SSW-8	10'	6	GROUNDWATER			8/2						
33	NSW-9	12'		WASTEWATER									
33	ESW-6	12'		SOIL									
34	SSW-9	12'		OIL									
34	WSW-5	12'		SLUDGE									
34	WSW-6	8'		OTHER :									
34	NSW-10	19'		ACID/BASE:									
34	SSW-10	19'		ICE / COOL									
34	WSW-7	19'		OTHER :									
34	NSW-11	24'											

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 #: _____ Samples # 31-39 removed due to headspace. Medically 8-12-24	
--	--




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: City: Project Location: State: Zip: Sample Name: Phone #: <small>FOR LAB USE ONLY</small>				P.O. #: Company: Spur Attn: Brady Moulder Address: City: State: Zip: Phone #: Fax #:				BILL TO ANALYSIS REQUEST			
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME		TPH EXT Chlorides BTEX			
4244088	SSW-11	24'	C			8/2					
41	ESW-7	24'									
42	WSW-8	24'									
43	ESW-8	12'									
44	WSW-9	12'									
45	SSW-12	14'									
46	ESW-9	14'									
47	SSW-12	14'									
48	WSW-10	14'									
49	SSW-13	14'									
50											

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Relinquished By:  Date: 8/5 Time: 15:11 Received By: Capaces Date: Time:	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 #:
REMARKS: * samples # 43, 46 + 47 removed due to headspace. * NO sample * see 8-0-24	

Delivered By: (Circle One) 3761CF-04c
Sampler - UPS - Bus - Other: 3.1c
Sample Condition: ☒ Cool ☐ Intact
CHECKED BY: (Initials) AB



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: City: Project Location: State: Zip: Sampler Name: Phone #: FOR LAB USE ONLY				P.O. #: Company: Spur Attn: Brady Moulder Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV. SAMPLING			
Date: 8/5 Time: 1511 Date: 8/12 Time:		Received By: <i>CDP</i> Received By:		PHONE RESULT: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: FAX RESULT: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:			
Relinquished By: <i>[Signature]</i> Relinquished By:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Checked By: <i>APD</i>		REMARKS:			



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

August 12, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BIG BOY ST. #1

Enclosed are the results of analyses for samples received by the laboratory on 08/06/24 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 85 19' (H244734-01)

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	08/07/2024	ND	1.99	99.7	2.00	5.06	
Toluene*	<0.050	0.050	08/07/2024	ND	1.98	98.8	2.00	4.21	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.03	101	2.00	3.89	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.97	99.5	6.00	3.81	
Total BTEX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/08/2024	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	08/07/2024	ND	191	95.7	200	1.34	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	189	94.5	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 73 8' (H244734-02)

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	08/07/2024	ND	1.99	99.7	2.00	5.06		
Toluene*	<0.050	0.050	08/07/2024	ND	1.98	98.8	2.00	4.21		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.03	101	2.00	3.89		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.97	99.5	6.00	3.81		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 79 8' (H244734-03)

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	08/07/2024	ND	1.99	99.7	2.00	5.06		
Toluene*	<0.050	0.050	08/07/2024	ND	1.98	98.8	2.00	4.21		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.03	101	2.00	3.89		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	5.97	99.5	6.00	3.81		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	16.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 65.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 92 24' (H244734-04)

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	08/07/2024	ND	2.02	101	2.00	3.93	
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11	
Total BTEx	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 62.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 9 14' (H244734-05)

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	08/07/2024	ND	2.02	101	2.00	3.93		
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	<16.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 69.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 8 24' (H244734-06)

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	08/07/2024	ND	2.02	101	2.00	3.93	
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11	
Total BTEx	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 64.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 8 10' (H244734-07)

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	08/07/2024	ND	2.02	101	2.00	3.93		
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	64.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 9 12' (H244734-08)

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	08/07/2024	ND	2.02	101	2.00	3.93	
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11	
Total BTEX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 77.1 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 6 12' (H244734-09)

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	08/07/2024	ND	2.02	101	2.00	3.93	
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11	
Total BTEX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	32.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 9 12' (H244734-10)

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	08/07/2024	ND	2.02	101	2.00	3.93		
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 5 12' (H244734-11)

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	08/07/2024	ND	2.02	101	2.00	3.93	
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11	
Total BTEx	<0.300	0.300	08/07/2024	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	80.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 6 8' (H244734-12)

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	08/07/2024	ND	2.02	101	2.00	3.93	
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11	
Total BTX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	64.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 124 4' (H244734-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2024	ND	2.02	101	2.00	3.93		
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11		
Total BTEx	<0.300	0.300	08/07/2024	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	32.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 63.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 126 4' (H244734-14)

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	08/07/2024	ND	2.02	101	2.00	3.93	
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11	
Total BTEx	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 129 4' (H244734-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2024	ND	2.02	101	2.00	3.93	
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11	
Total BTEx	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 64.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 130 4' (H244734-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/07/2024	ND	2.02	101	2.00	3.93		
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 74.0 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 132 4' (H244734-17)

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	08/07/2024	ND	2.02	101	2.00	3.93	
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11	
Total BTEx	<0.300	0.300	08/07/2024	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	64.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 8 10' (H244734-18)

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	08/07/2024	ND	2.02	101	2.00	3.93		
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/08/2024	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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 115 14' (H244734-19)

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	08/07/2024	ND	2.02	101	2.00	3.93		
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11		
Total BTEX	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	96.0	16.0	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 117 14' (H244734-20)

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	08/07/2024	ND	2.02	101	2.00	3.93		
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	64.0	16.0	08/08/2024	ND	416	104	400	8.00	

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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 64.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 118 14' (H244734-21)

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	08/07/2024	ND	2.02	101	2.00	3.93		
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	64.0	16.0	08/08/2024	ND	416	104	400	8.00	

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	08/07/2024	ND	198	98.9	200	0.379	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	199	99.3	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 119 4' (H244734-22)

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	08/07/2024	ND	2.02	101	2.00	3.93	
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11	
Total BTEx	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/08/2024	ND	416	104	400	8.00	

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 56.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.8 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 120 4' (H244734-23)

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	08/07/2024	ND	2.02	101	2.00	3.93		
Toluene*	<0.050	0.050	08/07/2024	ND	2.00	99.8	2.00	4.28		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.11	106	2.00	4.17		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.23	104	6.00	4.11		
Total BTEx	<0.300	0.300	08/07/2024	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	48.0	16.0	08/08/2024	ND	416	104	400	8.00	

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 53.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.7 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 122 4' (H244734-24)

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	08/07/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28	QM-07	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45	QM-07	
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	08/08/2024	ND	416	104	400	8.00	

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 63.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 91 24' (H244734-25)

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	08/07/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45		
Total BTEX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 67.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 90 19' (H244734-26)

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	08/07/2024	ND	2.28	114	2.00	10.2	
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45	
Total BTEX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	112	16.0	08/08/2024	ND	416	104	400	8.00	

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 58.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.1 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 86 19' (H244734-27)

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	08/07/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45		
Total BTEX	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	80.0	16.0	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 62.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.0 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 81 19' (H244734-28)

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	08/07/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	08/08/2024	ND	416	104	400	8.00	

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 64.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 68 12' (H244734-29)

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	08/07/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45		
Total BTEX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 64.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 74 8' (H244734-30)

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	08/07/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45		
Total BTEx	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/08/2024	ND	416	104	400	8.00	

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 64.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 80 8' (H244734-31)

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	08/07/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45		
Total BTEx	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/08/2024	ND	416	104	400	8.00	

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 77 8' (H244734-32)

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	08/07/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 70 8' (H244734-33)

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	08/07/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45		
Total BTEx	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 53.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.9 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 56 10' (H244734-34)

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	08/07/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/07/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.18	120	6.00	9.45		
Total BTEX	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	80.0	16.0	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 55 10' (H244734-35)

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	08/08/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/08/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.18	120	6.00	9.45		
Total BTEX	<0.300	0.300	08/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	96.0	16.0	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 66.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 54 10' (H244734-36)

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	08/08/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/08/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.18	120	6.00	9.45		
Total BTEx	<0.300	0.300	08/08/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 58.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 71 8' (H244734-37)

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	08/08/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/08/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.18	120	6.00	9.45		
Total BTEX	<0.300	0.300	08/08/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 67.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 67 12' (H244734-38)

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	08/08/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/08/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.18	120	6.00	9.45		
Total BTEx	<0.300	0.300	08/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	112	16.0	08/08/2024	ND	416	104	400	8.00		

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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 66.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 66 12' (H244734-39)

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	08/08/2024	ND	2.28	114	2.00	10.2	
Toluene*	<0.050	0.050	08/08/2024	ND	2.33	116	2.00	9.59	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.42	121	2.00	9.28	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.18	120	6.00	9.45	
Total BTX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/08/2024	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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 68.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 53 10' (H244734-40)

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	08/08/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/08/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.18	120	6.00	9.45		
Total BTEx	<0.300	0.300	08/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	96.0	16.0	08/08/2024	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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 71.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 52 10' (H244734-41)

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	08/08/2024	ND	2.28	114	2.00	10.2		
Toluene*	<0.050	0.050	08/08/2024	ND	2.33	116	2.00	9.59		
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.42	121	2.00	9.28		
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.18	120	6.00	9.45		
Total BTEx	<0.300	0.300	08/08/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	08/08/2024	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	08/07/2024	ND	208	104	200	0.740	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	198	99.2	200	1.98	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 69.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 51 4' (H244734-42)

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	08/08/2024	ND	2.28	114	2.00	10.2	
Toluene*	<0.050	0.050	08/08/2024	ND	2.33	116	2.00	9.59	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.42	121	2.00	9.28	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.18	120	6.00	9.45	
Total BTEX	<0.300	0.300	08/08/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 68.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 63 12' (H244734-43)

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	08/08/2024	ND	2.28	114	2.00	10.2	
Toluene*	<0.050	0.050	08/08/2024	ND	2.33	116	2.00	9.59	
Ethylbenzene*	<0.050	0.050	08/08/2024	ND	2.42	121	2.00	9.28	
Total Xylenes*	<0.150	0.150	08/08/2024	ND	7.18	120	6.00	9.45	
Total BTX	<0.300	0.300	08/08/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 61 12' (H244734-44)

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	08/07/2024	ND	2.40	120	2.00	3.73	
Toluene*	<0.050	0.050	08/07/2024	ND	2.37	119	2.00	1.38	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.40	120	2.00	0.749	QM-07
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.20	120	6.00	0.505	QM-07
Total BTX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 60 12' (H244734-45)

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	08/07/2024	ND	2.40	120	2.00	3.73		
Toluene*	<0.050	0.050	08/07/2024	ND	2.37	119	2.00	1.38		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.40	120	2.00	0.749		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.20	120	6.00	0.505		
Total BTEx	<0.300	0.300	08/07/2024	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	64.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 47 4' (H244734-46)

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	08/07/2024	ND	2.40	120	2.00	3.73		
Toluene*	<0.050	0.050	08/07/2024	ND	2.37	119	2.00	1.38		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.40	120	2.00	0.749		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.20	120	6.00	0.505		
Total BTEX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 69.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 45 4' (H244734-47)

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	08/07/2024	ND	2.40	120	2.00	3.73		
Toluene*	<0.050	0.050	08/07/2024	ND	2.37	119	2.00	1.38		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.40	120	2.00	0.749		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.20	120	6.00	0.505		
Total BTEX	<0.300	0.300	08/07/2024	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	64.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 67.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: B 48 4' (H244734-48)

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	08/07/2024	ND	2.40	120	2.00	3.73		
Toluene*	<0.050	0.050	08/07/2024	ND	2.37	119	2.00	1.38		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.40	120	2.00	0.749		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.20	120	6.00	0.505		
Total BTEX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 10 19' (H244734-49)

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	08/07/2024	ND	2.40	120	2.00	3.73		
Toluene*	<0.050	0.050	08/07/2024	ND	2.37	119	2.00	1.38		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.40	120	2.00	0.749		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.20	120	6.00	0.505		
Total BTEx	<0.300	0.300	08/07/2024	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	32.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 12 14' (H244734-50)

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	08/07/2024	ND	2.40	120	2.00	3.73	
Toluene*	<0.050	0.050	08/07/2024	ND	2.37	119	2.00	1.38	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.40	120	2.00	0.749	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.20	120	6.00	0.505	
Total BTEx	<0.300	0.300	08/07/2024	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	16.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 7 19' (H244734-51)

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	08/07/2024	ND	2.40	120	2.00	3.73	
Toluene*	<0.050	0.050	08/07/2024	ND	2.37	119	2.00	1.38	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.40	120	2.00	0.749	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.20	120	6.00	0.505	
Total BTX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 08/06/2024
Reported: 08/12/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 10 19' (H244734-52)

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	08/07/2024	ND	2.40	120	2.00	3.73	
Toluene*	<0.050	0.050	08/07/2024	ND	2.37	119	2.00	1.38	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.40	120	2.00	0.749	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.20	120	6.00	0.505	
Total BTX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/08/2024	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	08/07/2024	ND	184	91.8	200	0.633	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	196	98.2	200	0.486	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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

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.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO																																	
Project Manager: Chris Jones		Company: Spur		ANALYSIS REQUEST																																	
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder																																			
City: Hobbs		Address:																																			
Phone #: 575-964-7814		City:																																			
Fax #:		State: Zip:																																			
Project #:		Project Owner: Spur																																			
Project Name: Big Boy		State: Zip:																																			
Project Location: Elder, NM		Phone #:																																			
Sample Name: Lisa Jones		Fax #:																																			
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING																															
Lab I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME											
Sample I.D.																																					
11244781		B-85		19'																				8 Feb				TPH EXT									
2M4		B-73		8'																								Chlorides									
3M4		B-74		8'																								BTEX									
4M4		B-92		24'																																	
5M4		E-SW-9		14'																																	
6M4		WSW-8		24'																																	
7M4		WSW-8		10'																																	
8M4		WSW-9		12'																																	
9M4		ESW-6		12'																																	
10M4		SSW-4		12'																																	

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Relinquished By:	Signature	Date: 8/24/24	Received By: Steddie Jones	Time: 10:33
Relinquished By:	Signature	Date:	Received By:	Time:

Delivered By: (Circle One)	2.00 (C.O.C.)	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	2.00 #140	<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	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

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: 11

State:

Zip:

Project Location: 11

Phone #:

Sample Name: 11

Fax #:

FOR LAB USE ONLY

MATRIX

PRESERV

SAMPLING

Lab I.D.

Sample I.D.

1244734

WSN-5 12'

12

WSN-6 8'

13

B-124 4'

14

B-126 4'

15

B-124 4'

16

B-130 4'

17

B-130 4'

18

WSN-8 10'

19

B-115 14'

20

B-117 14'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE 8/2

TIME

TPH EXT

Chlorides

BTEX

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Spur

Attn: Brady Moulder

Address:

City:

State:

Zip:

Phone #:

Fax #:

Relinquished By:

Date:

Time:

Received By: Spectroscopy

Date: 10/3/24

Time: 10:32

Delivered By: (Circle One) 21021C-0.02

Sampler - UPS - Bus - Other: 21021 #140

Sample Condition

Cool Intact

Yes No

CHECKED BY: (Initials)

21

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

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

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* 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 Phone #: 575-964-7814 State: NM zip: 88240				P.O. #: Company: Spur Attn: Brady Moulder Address: City: State: Zip:			
Project Name: 11 Project Location: 11 Sample Name: 11				Project Owner: Spur Phone #: Fax #:			
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	
				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE TIME	
H244734	B-11g	C				8/2	TPH EXT Chlorides BTEX
21	B-11g						
22	B-11g						
23	B-12g						
24	B-12g						
25	B-12g						
26	B-12g						
27	B-12g						
28	B-12g						
29	B-12g						
30	B-12g						

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Relinquished By: [Signature] Date: 8/24 Time: 10:32 Received By: [Signature]
Relinquished By: [Signature] Date: [] Time: [] Received By: [Signature]

Delivered By: (Circle One) 2.0e) C.O.C. Sample Condition Cool Intact Yes No Checked BY: (Initials) SR
Sampler - UPS - Bus - Other: 2.0e) #440

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

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM Zip: 88240

Phone #: 575-964-7814

Project #: Project Owner: Spur

Project Name:

Project Location:

Sample Name:

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: **Spur**

Attn: Brady Moulder

Address:

City:

State: Zip:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

Lab I.D. Sample I.D.

H244733

B-80

B-77

B-70

B-56

B-55

B-54

B-71

B-67

B-66

B-53

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH EXT
Chlorides
BTX

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 analysis. 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 arising 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:

Date: 10/24

Received By:

Phone Result:

Yes

No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Date:

Received By:

Phone Result:

Yes

No

Add'l Phone #:

Add'l Fax #:

Delivered By: (Circle One)

QUEC-O-LE

Sample Condition

CHECKED BY:

Sampler - UPS - Bus - Other

QUEC-O-LE

Sample Condition

CHECKED BY:



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
Phone #: 575-964-7814
Fax #: _____
State: NM **Zip:** 88240

P.O. #: _____
Company: Spur
Attn: Brady Moulder
Address: _____
City: _____
State: _____ **Zip:** _____
Phone #: _____
Fax #: _____

Project #: 1
Project Name: 11
Project Location: 11
Sampler Name: 11
FOR LAB USE ONLY

Lab I.D. **Sample I.D.**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	REMARKS	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
41	B-52	10'	4'												
42	B-51	12'	12'												
43	B-63	12'	12'												
44	B-61	12'	12'												
45	B-60	12'	12'												
46	B-47	4'	4'												
47	B-45	4'	4'												
48	B-48	19'	19'												
49	NSW-10	14'	14'												
50	NSW-12														

Relinquished By: _____ **Received By:** _____

Relinquished By: _____ **Received By:** _____

Delivered By: (Circle One) 2-11/00 0-0-00
Sampler - UPS - Bus - Other: 2-11/00 #140

Sample Condition: ☒ Intact ☐ Cool ☐ Pres ☐ No ☐ No

CHECKED BY: _____

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

Fax Result: ☐ Yes ☐ No **Add'l Fax #:** _____

REMARKS:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST																																			
Project Manager: Chris Jones		Company: Spur																																							
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder																																							
City: Hobbs		Address:																																							
Phone #: 575-964-7814		City:																																							
Fax #: 575-964-7814		State: NM																																							
Zip: 88240		Phone #:																																							
Project #: 1		State: NM																																							
Project Name: 1		City:																																							
Project Location: 1		Zip:																																							
Project Owner: Spur		Phone #:																																							
Fax #:		Zip:																																							
Sampler Name: 1		Fax #:																																							
FOR LAB USE ONLY		PRESERV		SAMPLING																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
H244734		WSW-7		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10		19'		1		1		1		1		1		1		1		1		1		1		1		1		1											
32		SSW-10																																							



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

August 09, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BIG BOY ST. #1

Enclosed are the results of analyses for samples received by the laboratory on 08/05/24 15:11.

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, 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 46 4' (H244687-02)

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	08/06/2024	ND	2.23	111	2.00	4.80	
Toluene*	<0.050	0.050	08/06/2024	ND	2.29	115	2.00	2.59	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.42	121	2.00	2.77	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	7.19	120	6.00	3.08	
Total BTX	<0.300	0.300	08/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	144	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 56.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 49 4' (H244687-05)

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	08/06/2024	ND	2.23	111	2.00	4.80	
Toluene*	<0.050	0.050	08/06/2024	ND	2.29	115	2.00	2.59	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.42	121	2.00	2.77	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	7.19	120	6.00	3.08	
Total BTEX	<0.300	0.300	08/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	144	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 53.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 50 4' (H244687-06)

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	08/06/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/06/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/06/2024	ND	7.19	120	6.00	3.08		
Total BTEX	<0.300	0.300	08/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	160	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 65.4 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 57 10' (H244687-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/06/2024	ND	2.23	111	2.00	4.80	
Toluene*	<0.050	0.050	08/06/2024	ND	2.29	115	2.00	2.59	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.42	121	2.00	2.77	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	7.19	120	6.00	3.08	
Total BTEx	<0.300	0.300	08/06/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 58 10' (H244687-14)

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	08/06/2024	ND	2.23	111	2.00	4.80	
Toluene*	<0.050	0.050	08/06/2024	ND	2.29	115	2.00	2.59	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.42	121	2.00	2.77	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	7.19	120	6.00	3.08	
Total BTX	<0.300	0.300	08/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	160	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 59 10' (H244687-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/06/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/06/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/06/2024	ND	7.19	120	6.00	3.08		
Total BTEX	<0.300	0.300	08/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	96.0	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 70.7 % 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

Analytical Results For:

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

Received: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 62 12' (H244687-18)

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	08/06/2024	ND	2.23	111	2.00	4.80	
Toluene*	<0.050	0.050	08/06/2024	ND	2.29	115	2.00	2.59	
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.42	121	2.00	2.77	
Total Xylenes*	<0.150	0.150	08/06/2024	ND	7.19	120	6.00	3.08	
Total BTEx	<0.300	0.300	08/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 64 12' (H244687-20)

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	08/06/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/06/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/06/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/06/2024	ND	7.19	120	6.00	3.08		
Total BTEx	<0.300	0.300	08/06/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 65 12' (H244687-21)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTEX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 63.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 69 8' (H244687-25)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTEx	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 60.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.6 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 72 8' (H244687-28)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	144	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 75 8' (H244687-31)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 65.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 76 8' (H244687-32)

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	08/07/2024	ND	2.23	111	2.00	4.80	
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08	
Total BTEx	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 67.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 78 8' (H244687-34)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTEX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 72.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 82 19' (H244687-38)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 63.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 83 19' (H244687-39)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTEx	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 66.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 84 19' (H244687-40)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTEX	<0.300	0.300	08/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	144	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 50.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.6 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 87 19' (H244687-43)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTEx	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/07/2024	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	08/06/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 67.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 88 19' (H244687-44)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTEX	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/07/2024	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	08/07/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 62.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 89 19' (H244687-45)

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	08/07/2024	ND	2.23	111	2.00	4.80		
Toluene*	<0.050	0.050	08/07/2024	ND	2.29	115	2.00	2.59		
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.42	121	2.00	2.77		
Total Xylenes*	<0.150	0.150	08/07/2024	ND	7.19	120	6.00	3.08		
Total BTEx	<0.300	0.300	08/07/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/07/2024	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	08/07/2024	ND	201	100	200	0.0652	
DRO >C10-C28*	<10.0	10.0	08/07/2024	ND	195	97.4	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	08/07/2024	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 93 24' (H244687-49)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTEX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	144	16.0	08/07/2024	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	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 58.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.3 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 94 24' (H244687-50)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTEx	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	144	16.0	08/07/2024	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	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 61.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.1 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 95 24' (H244687-51)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500CI-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/07/2024	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	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 56.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.8 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 96 24' (H244687-52)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTEx	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	08/07/2024	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	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 66.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.0 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 97 24' (H244687-53)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/07/2024	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	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 98 12' (H244687-54)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	112	16.0	08/07/2024	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	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 64.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.3 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 99 12' (H244687-55)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTEx	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	208	16.0	08/07/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 60.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.9 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 100 12' (H244687-56)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	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	144	16.0	08/07/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 70.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 101 12' (H244687-57)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTEx	<0.300	0.300	08/07/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/07/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 102 12' (H244687-58)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	144	16.0	08/07/2024	ND	432	108	400	3.77	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 65.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.7 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 103 12' (H244687-59)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	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	128	16.0	08/07/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 61.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.0 % 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: 08/05/2024
Reported: 08/09/2024
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B - 104 12' (H244687-60)

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	08/07/2024	ND	2.06	103	2.00	0.0716	
Toluene*	<0.050	0.050	08/07/2024	ND	2.17	108	2.00	0.0350	
Ethylbenzene*	<0.050	0.050	08/07/2024	ND	2.24	112	2.00	0.203	
Total Xylenes*	<0.150	0.150	08/07/2024	ND	6.89	115	6.00	0.0366	
Total BTX	<0.300	0.300	08/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	08/07/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/06/2024	ND	210	105	200	5.04	
DRO >C10-C28*	<10.0	10.0	08/06/2024	ND	216	108	200	3.22	
EXT DRO >C28-C36	<10.0	10.0	08/06/2024	ND					

Surrogate: 1-Chlorooctane 61.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.3 % 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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

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

Celey D. Keene, Lab Director/Quality Manager



Released to Imaging: 11/15/2024 2:35:06 PM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marand, 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: " " Project Location: " "

Sample Name: Trilian Traces

FOR LAB USE ONLY

BILL TO

P.O. #: _____
Company: **Spur**
Attn: Brady Moulder
Address: _____
City: _____
State: _____ Zip: _____
Phone #: _____
Fax #: _____

ANALYSIS REQUEST

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	TPH	EXT	Chlorides	BTEx
4244687	11	8-55	10'										8/2					
	12	8-56	10'															
	13	8-57	10'															
	14	8-58	10'															
	15	8-59	10'															
	16	8-60	12'															
	17	8-61	12'															
	18	8-62	12'															
	19	8-63	12'															
	20	8-64	12'															

PLAUSE NOTE: 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 analysis. 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 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 remedies or otherwise.

Relinquished By: [Signature] Date: 8/5
Time: 15:11
Received By: [Signature]
Time: _____

Delivered By: (Circle One) 3.7c 10c - 0.0c
Sampler - UPS - Bus - Other: 3.1c

Sample Condition: ☒ Intact ☐ Cool ☐ Yes ☐ No
CHECKED BY: [Signature]
140

REMARKS: samples # 11, 12, 16, 17 + 19 removed due to headspace. Spackling seal

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

NO SAMPLE
* 8-64-24



CARDINAL
Laboratories

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
Project Manager: Chris Jones
Address: 1601 N. Turner St., Ste 500
City: Hobbs
Phone #: 575-964-7814
Fax #: 575-964-7814
State: NM Zip: 88240

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

Project Name: 11
Project Location: 11
Sampler Name: 11

Project Owner:

Project Name:

Project Location:

Project Owner:

Project Name:

Project Location:

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Project Owner:

Project Name:

Project Location:

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Project Owner:

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Project Location:

Project Owner:

Project Name:

Project Location:

Project Owner:

Project Name:

Lab I.D.

Sample I.D.

H244687

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs Phone #: 575-964-7814 Project #:				P.O. #: Company: Spur Attn: Brady Moulder Address: City: State: Zip:				ANALYSIS REQUEST											
Project Name: 11 Project Location: 11 Project Owner: Spur State: Zip:				Phone #: Fax #:															
Sampler Name: J1 <small>FOR LAB USE ONLY</small>				Matrix:				Preserv:				Sampling:							
Lab I.D.				Sample I.D.				(G)RAB OR (C)OMP.				DATE				TIME			
								# CONTAINERS											
								GROUNDWATER											
								WASTEWATER											
								SOIL											
								OIL											
								SLUDGE											
								OTHER :											
				ACID/BASE:															
				ICE / COOL															
				OTHER :															

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	REMARKS
41	0-05														
42	0-06														
43	0-07														
44	0-08														
45	0-09														
46	0-10														
47	0-11														
48	0-12														
49	0-13														
50	0-14														

REMARKS:
 Samples # 41, 42, 46, 47 + 48 removed due to headspace.
 Spotchecked 8-16-04

RELINQUISHED BY:
 Date: 8/5
 Time: 1:11
 Received By: ADP
 Date: 8/11
 Time:

DELIVERED BY: (Circle One)
 3-710 105-0-0-0
 4-2-03 3-1-0

DELIVERED BY: (Circle One)
 3-710 105-0-0-0
 4-2-03 3-1-0

DELIVERED BY: (Circle One)
 3-710 105-0-0-0
 4-2-03 3-1-0

DELIVERED BY: (Circle One)
 3-710 105-0-0-0
 4-2-03 3-1-0



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:		Zip:																																																	
Project Location:		Phone #:																																																	
Fax #:		Fax #:																																																	
Sampler Name:		P.O. #:																																																	
FOR LAB USE ONLY		P.O. #:																																																	
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		TPH EXT Chlorides BTEx																					
H244687		B-95		24'		1		1		1		1		1		1		1		1		1		1		1		1																							
51		B-96		24'		1		1		1		1		1		1		1		1		1		1		1		1																							
52		B-97		24'		1		1		1		1		1		1		1		1		1		1		1		1																							
53		B-98		24'		1		1		1		1		1		1		1		1		1		1		1		1																							
54		B-99		12'		1		1		1		1		1		1		1		1		1		1		1		1																							
55		B-100		12'		1		1		1		1		1		1		1		1		1		1		1		1																							
56		B-101		12'		1		1		1		1		1		1		1		1		1		1		1		1																							
57		B-102		12'		1		1		1		1		1		1		1		1		1		1		1		1																							
58		B-103		12'		1		1		1		1		1		1		1		1		1		1		1		1																							
59		B-104		12'		1		1		1		1		1		1		1		1		1		1		1		1																							
60		B-104		12'		1		1		1		1		1		1		1		1		1		1		1		1																							
Relinquished By:		Date: 8/5		Received By:		P.O. #:		Company: Spur		Attn: Brady Moulder		Address:		City:		State:		Zip:		Phone #:		Fax #:		P.O. #:		Company: Spur		Attn: Brady Moulder		Address:		City:		State:		Zip:		Phone #:		Fax #:											
Relinquished By:		Time: 1:51		Received By:		P.O. #:		Company: Spur		Attn: Brady Moulder		Address:		City:		State:		Zip:		Phone #:		Fax #:		P.O. #:		Company: Spur		Attn: Brady Moulder		Address:		City:		State:		Zip:		Phone #:		Fax #:											
Delivered By: (Circle One)		3.7.16 10:00		Sample Condition		Cool		Intact		Yes		No		Yes		No		Yes		No		Yes		No		Yes		No		Yes		No		Yes		No															
Sampler - UPS - Bus - Other:		422854312		Sample Condition		Cool		Intact		Yes		No		Yes		No		Yes		No		Yes		No		Yes		No		Yes		No		Yes		No															
CHECKED BY: (Initials)		AP		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 #:																																							

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



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

August 14, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BIG BOY STATE 1 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/08/24 15:19.

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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 133 4' (H244810-01)

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	08/11/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90	
Total BTEX	<0.300	0.300	08/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/12/2024	ND	416	104	400	7.41	

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	08/09/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 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:	08/08/2024	Sampling Date:	08/07/2024
Reported:	08/14/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY COUNTY		

Sample ID: B 134 4' (H244810-02)

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	08/11/2024	ND	2.10	105	2.00	1.19		
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76		
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80		
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90		
Total BTEx	<0.300	0.300	08/11/2024	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	160	16.0	08/13/2024	ND	416	104	400	7.41		

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	08/09/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/08/2024	Sampling Date:	08/07/2024
Reported:	08/14/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY COUNTY		

Sample ID: B 135 10' (H244810-03)

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	08/11/2024	ND	2.10	105	2.00	1.19		
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76		
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80		
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90		
Total BTEX	<0.300	0.300	08/11/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	08/13/2024	ND	416	104	400	7.41		

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	08/09/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 136 10' (H244810-04)

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	08/11/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90	
Total BTEx	<0.300	0.300	08/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	176	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/09/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 137 10' (H244810-05)

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	08/11/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90	
Total BTEx	<0.300	0.300	08/11/2024	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	240	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/09/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 138 4' (H244810-06)

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	08/11/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90	
Total BTX	<0.300	0.300	08/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	08/13/2024	ND	416	104	400	7.41	

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	08/09/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/09/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/09/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 139 4' (H244810-07)

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	08/11/2024	ND	2.10	105	2.00	1.19		
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76		
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80		
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90		
Total BTEx	<0.300	0.300	08/11/2024	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	192	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/10/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 140 4' (H244810-08)

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	08/11/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90	
Total BTEX	<0.300	0.300	08/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/10/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 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:	08/08/2024	Sampling Date:	08/07/2024
Reported:	08/14/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY COUNTY		

Sample ID: B 141 4' (H244810-09)

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	08/11/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90	
Total BTX	<0.300	0.300	08/11/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	192	16.0	08/13/2024	ND	416	104	400	7.41		

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	08/10/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 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:	08/08/2024	Sampling Date:	08/07/2024
Reported:	08/14/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY COUNTY		

Sample ID: B 142 4' (H244810-10)

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	08/11/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90	
Total BTEx	<0.300	0.300	08/11/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/10/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 143 4' (H244810-11)

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	08/11/2024	ND	2.10	105	2.00	1.19		
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76		
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80		
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90		
Total BTEx	<0.300	0.300	08/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	224	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/10/2024	ND	194	96.9	200	0.504	
DRO >C10-C28*	<10.0	10.0	08/10/2024	ND	201	100	200	0.631	
EXT DRO >C28-C36	<10.0	10.0	08/10/2024	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 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:	08/08/2024	Sampling Date:	08/07/2024
Reported:	08/14/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY COUNTY		

Sample ID: B 144 4' (H244810-12)

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	08/11/2024	ND	2.10	105	2.00	1.19		
Toluene*	<0.050	0.050	08/11/2024	ND	2.06	103	2.00	1.76		
Ethylbenzene*	<0.050	0.050	08/11/2024	ND	2.09	105	2.00	1.80		
Total Xylenes*	<0.150	0.150	08/11/2024	ND	6.16	103	6.00	1.90		
Total BTEx	<0.300	0.300	08/11/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 145 6' (H244810-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/12/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/12/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/12/2024	ND	6.16	103	6.00	1.90	
Total BTEX	<0.300	0.300	08/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	208	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 146 6' (H244810-14)

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	08/12/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/12/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/12/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/12/2024	ND	6.16	103	6.00	1.90	
Total BTX	<0.300	0.300	08/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 147 6' (H244810-15)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/12/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/12/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/12/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/12/2024	ND	6.16	103	6.00	1.90	
Total BTEX	<0.300	0.300	08/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 148 6' (H244810-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/12/2024	ND	2.10	105	2.00	1.19		
Toluene*	<0.050	0.050	08/12/2024	ND	2.06	103	2.00	1.76		
Ethylbenzene*	<0.050	0.050	08/12/2024	ND	2.09	105	2.00	1.80		
Total Xylenes*	<0.150	0.150	08/12/2024	ND	6.16	103	6.00	1.90		
Total BTEx	<0.300	0.300	08/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/13/2024	ND	416	104	400	7.41		

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	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 149 6' (H244810-17)

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	08/12/2024	ND	2.10	105	2.00	1.19	
Toluene*	<0.050	0.050	08/12/2024	ND	2.06	103	2.00	1.76	
Ethylbenzene*	<0.050	0.050	08/12/2024	ND	2.09	105	2.00	1.80	
Total Xylenes*	<0.150	0.150	08/12/2024	ND	6.16	103	6.00	1.90	
Total BTEX	<0.300	0.300	08/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 150 6' (H244810-18)

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	08/12/2024	ND	2.10	105	2.00	1.19		
Toluene*	<0.050	0.050	08/12/2024	ND	2.06	103	2.00	1.76		
Ethylbenzene*	<0.050	0.050	08/12/2024	ND	2.09	105	2.00	1.80		
Total Xylenes*	<0.150	0.150	08/12/2024	ND	6.16	103	6.00	1.90		
Total BTEx	<0.300	0.300	08/12/2024	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	192	16.0	08/13/2024	ND	416	104	400	7.41		

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	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: B 151 6' (H244810-19)

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	08/10/2024	ND	2.09	104	2.00	2.40		
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17		
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42		
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27		
Total BTEX	<0.300	0.300	08/10/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/13/2024	ND	416	104	400	7.41		

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	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 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:	08/08/2024	Sampling Date:	08/07/2024
Reported:	08/14/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY COUNTY		

Sample ID: B 152 6' (H244810-20)

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	08/10/2024	ND	2.09	104	2.00	2.40	
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27	
Total BTEX	<0.300	0.300	08/10/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/13/2024	ND	416	104	400	7.41	

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	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/08/2024	Sampling Date:	08/07/2024
Reported:	08/14/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY COUNTY		

Sample ID: B 153 6' (H244810-21)

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	08/10/2024	ND	2.09	104	2.00	2.40		
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17		
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42		
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27		
Total BTEx	<0.300	0.300	08/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/13/2024	ND	416	104	400	7.41		

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	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW 13 4' (H244810-22)

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	08/10/2024	ND	2.09	104	2.00	2.40		
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17		
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42		
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27		
Total BTEX	<0.300	0.300	08/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	160	16.0	08/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 65.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW 11 4' (H244810-23)

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	08/10/2024	ND	2.09	104	2.00	2.40		
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17		
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42		
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27		
Total BTEx	<0.300	0.300	08/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	176	16.0	08/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW 11 4' (H244810-24)

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	08/10/2024	ND	2.09	104	2.00	2.40	
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27	
Total BTEx	<0.300	0.300	08/10/2024	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	224	16.0	08/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW 14 10' (H244810-25)

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	08/10/2024	ND	2.09	104	2.00	2.40		
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17		
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42		
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27		
Total BTEX	<0.300	0.300	08/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	224	16.0	08/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SSW 14 10' (H244810-26)

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	08/10/2024	ND	2.09	104	2.00	2.40	
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17	
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42	
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27	
Total BTEx	<0.300	0.300	08/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	144	16.0	08/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW 12 10' (H244810-27)

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	08/10/2024	ND	2.09	104	2.00	2.40		
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17		
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42		
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27		
Total BTEX	<0.300	0.300	08/10/2024	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	176	16.0	08/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW 12 4' (H244810-28)

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	08/10/2024	ND	2.09	104	2.00	2.40		
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17		
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42		
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27		
Total BTEX	<0.300	0.300	08/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	176	16.0	08/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW 13 4' (H244810-29)

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	08/10/2024	ND	2.09	104	2.00	2.40		
Toluene*	<0.050	0.050	08/10/2024	ND	2.04	102	2.00	2.17		
Ethylbenzene*	<0.050	0.050	08/10/2024	ND	2.05	103	2.00	2.42		
Total Xylenes*	<0.150	0.150	08/10/2024	ND	6.06	101	6.00	2.27		
Total BTEX	<0.300	0.300	08/10/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	208	16.0	08/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW 15 6' (H244810-30)

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	08/12/2024	ND	2.21	111	2.00	6.16		
Toluene*	<0.050	0.050	08/12/2024	ND	2.31	116	2.00	4.86		
Ethylbenzene*	<0.050	0.050	08/12/2024	ND	2.38	119	2.00	3.98		
Total Xylenes*	<0.150	0.150	08/12/2024	ND	7.31	122	6.00	4.27		
Total BTEx	<0.300	0.300	08/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SSW 15 6' (H244810-31)

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	08/12/2024	ND	2.21	111	2.00	6.16		
Toluene*	<0.050	0.050	08/12/2024	ND	2.31	116	2.00	4.86		
Ethylbenzene*	<0.050	0.050	08/12/2024	ND	2.38	119	2.00	3.98		
Total Xylenes*	<0.150	0.150	08/12/2024	ND	7.31	122	6.00	4.27		
Total BTEx	<0.300	0.300	08/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	240	16.0	08/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	235	118	200	4.08	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	227	114	200	4.82	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	08/08/2024	Sampling Date:	08/07/2024
Reported:	08/14/2024	Sampling Type:	Soil
Project Name:	BIG BOY STATE 1 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY COUNTY		

Sample ID: ESW 13 6' (H244810-32)

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	08/12/2024	ND	2.21	111	2.00	6.16		
Toluene*	<0.050	0.050	08/12/2024	ND	2.31	116	2.00	4.86		
Ethylbenzene*	<0.050	0.050	08/12/2024	ND	2.38	119	2.00	3.98		
Total Xylenes*	<0.150	0.150	08/12/2024	ND	7.31	122	6.00	4.27		
Total BTEx	<0.300	0.300	08/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	08/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	229	115	200	3.74	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	217	108	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 67.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 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: 08/08/2024
Reported: 08/14/2024
Project Name: BIG BOY STATE 1 BATTERY
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 08/07/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW 14 6' (H244810-33)

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	08/12/2024	ND	2.21	111	2.00	6.16		
Toluene*	<0.050	0.050	08/12/2024	ND	2.31	116	2.00	4.86		
Ethylbenzene*	<0.050	0.050	08/12/2024	ND	2.38	119	2.00	3.98		
Total Xylenes*	<0.150	0.150	08/12/2024	ND	7.31	122	6.00	4.27		
Total BTEX	<0.300	0.300	08/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	08/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2024	ND	229	115	200	3.74	
DRO >C10-C28*	<10.0	10.0	08/12/2024	ND	217	108	200	3.46	
EXT DRO >C28-C36	<10.0	10.0	08/12/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 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

Notes and Definitions

A-01	CCV failed high biased all samples ND. Data 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

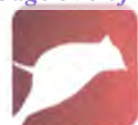
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



CARDINAL
Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental

Project Manager: Cason Spurlock

Address: 5002 Carriage Rd

City: Hobbs **State:** NM **Zip:** 88242

Phone #: 575-631-6977 **Fax #:**

Project #:

Project Name: B. J. B. 5T #1 Batters

Project Location: Rural Eddy

Sampler Name: Angel R. Perez

FOR LAB USE ONLY

P.O. #:

Company: Spur

Attn:

Address:

City:

State: **Zip:**

Phone #:

Fax #:

Lab I.D. H644810 **Sample I.D.**

	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER					
1	B13341														Chlorides
2	B13441														TPH
3	B13510														BTEX
4	B13610														
5	B13710														
6	B13841														
7	B13941														
8	B14041														
9	B14141														
10	B14241														

Relinquished By: **Date:** 8-22-17 **Received By:**

Relinquished By: **Date:** 8-22-17 **Received By:**

Delivered By: (Circle One) 1. a.c. **Sample Condition:** Cool ☒ Intact ☐ **CHECKED BY:**

Sampler - UPS - Bus - Other: 1. B.c. **REMARKS:** CF-0.4c #140



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST																																			
Project Manager: Cason Spurlock		P.O. #:																																					
Address: 5002 Carriage Rd		Company:																																					
City: Hobbs		Attn:																																					
State: NM Zip: 88242		Address:																																					
Phone #: 575-631-6977		City:																																					
Fax #:		State:																																					
Project #:		Zip:																																					
Project Name:		Phone #:																																					
Project Location:		Fax #:																																					
Sampler Name:																																							
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											
11		13143 4'		G																						8/7				Chlorides									
12		13144 4'																												BTEX									
13		13145 6'																												TPH									
14		13141 6'																																					
15		13147 6'																																					
16		13148 6'																																					
17		13149 6'																																					
18		13150 6'																																					
19		13151 6'																																					
20		13152 6'																																					
Relinquished By:		Date: 8-8-24		Received By:																																			
Relinquished By:		Time: 1:59		Received By:																																			
Delivered By: (Circle One)		1-91c		Sample Condition		Cool		Intact		Checked By: (Initials)																													
Sampler - UPS - Bus - Other:		1-8c		Yes		No		Yes		No		PP																		CF - 0.0c #140									



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO																																			
Project Manager: Cason Spurlock		Company:		ANALYSIS REQUEST																																			
Address: 5002 Carriage Rd		Attn:																																					
City: Hobbs		Address:																																					
State: NM zip: 88242		City:																																					
Phone #: 575-631-6977		State:																																					
Fax #:		Zip:																																					
Project #:		Project Owner:																																					
Project Name:		Project Location:																																					
Sample Name:		Fax #:																																					
FOR LAB USE ONLY		PRESERV		SAMPLING																																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME											
H44810		B153 6'																								8/7				Chlorides TPH BTEX									
21		N4w 13 4'																																					
22		E5w 11 4'																																					
23		W5w 11 4'																																					
24		N5w 14 10'																																					
25		S5w 14 10'																																					
26		W5w 12 10'																																					
27		E5w 12 4'																																					
28		W5w 13 4'																																					
29		N5w 13 6'																																					
30																																							
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Relinquished By:		Date: 8-7-24		Received By:		Date: 8-7-24		Time: 15:19		Time:		Time:																											
Relinquished By:		Time:		Received By:		Time:		Time:																															
Delivered By: (Circle One)		10:2		Sample Condition		Cool		Intact		Checked By: (Initials)																													
Sampler - UPS - Bus - Other:		1:30		Yes		No		Yes		No																													



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental

Project Manager: Cason Spurlock

Address: 5002 Carriage Rd

City: Hobbs

Phone #: 575-631-6977

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

Lab I.D.

Sample I.D.

H044810

31

32

33

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE TIME

Chlorides

pH

DOC

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Relinquished By:

Date: 8-24

Received By:

Phone Result:

Yes No

Add'l Phone #:

Fax Result:

Yes No

Add'l Fax #:

Relinquished By:

Date:

Received By:

REMARKS:

Yes No

Add'l Phone #:

Fax Result:

Yes No

Add'l Fax #:

Delivered By: (Circle One)

1.9c

1.8c

Sample Condition

Cool Intact

Yes Yes

No No

CHECKED BY:

(Initials)

CF-OUC #140



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

October 20, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: BIG BOY ST. #1

Enclosed are the results of analyses for samples received by the laboratory on 10/17/23 9:59.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 1 (H235640-01)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTX	<0.300	0.300	10/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	216	108	200	17.8	QM-07
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	233	117	200	11.2	QM-07
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 2 (H235640-02)

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	10/18/2023	ND	2.02	101	2.00	3.61		
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65		
Total BTEx	<0.300	0.300	10/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/18/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	216	108	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	233	117	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 3 (H235640-03)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEx	<0.300	0.300	10/18/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/18/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	216	108	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	233	117	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 70.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 4 (H235640-04)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEx	<0.300	0.300	10/18/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/18/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	216	108	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	233	117	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 5 (H235640-05)

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	10/18/2023	ND	2.02	101	2.00	3.61		
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65		
Total BTEx	<0.300	0.300	10/18/2023	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	<16.0	16.0	10/18/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	216	108	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	233	117	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 6 (H235640-06)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEx	<0.300	0.300	10/18/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	216	108	200	17.8	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	233	117	200	11.2	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 7 (H235640-07)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEx	<0.300	0.300	10/18/2023	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	<16.0	16.0	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 68.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 8 (H235640-08)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEx	<0.300	0.300	10/18/2023	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	<16.0	16.0	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

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

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 9 (H235640-09)

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	10/18/2023	ND	2.02	101	2.00	3.61		
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65		
Total BTEx	<0.300	0.300	10/18/2023	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	<16.0	16.0	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 10 (H235640-10)

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	10/18/2023	ND	2.02	101	2.00	3.61		
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65		
Total BTEx	<0.300	0.300	10/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 69.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 11 (H235640-11)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEX	<0.300	0.300	10/18/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 65.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 12 (H235640-12)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEx	<0.300	0.300	10/18/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 13 (H235640-13)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTX	<0.300	0.300	10/18/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 67.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 14 (H235640-14)

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	10/18/2023	ND	2.02	101	2.00	3.61		
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65		
Total BTEx	<0.300	0.300	10/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 15 (H235640-15)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEx	<0.300	0.300	10/18/2023	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	<16.0	16.0	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 59.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 16 (H235640-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEX	<0.300	0.300	10/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	288	16.0	10/18/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 61.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.4 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 17 (H235640-17)

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	10/18/2023	ND	2.02	101	2.00	3.61		
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65		
Total BTEx	<0.300	0.300	10/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 18 (H235640-18)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEx	<0.300	0.300	10/18/2023	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	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 19 (H235640-19)

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	10/18/2023	ND	2.02	101	2.00	3.61	
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65	
Total BTEX	<0.300	0.300	10/18/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 20 (H235640-20)

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	10/18/2023	ND	2.02	101	2.00	3.61		
Toluene*	<0.050	0.050	10/18/2023	ND	2.09	105	2.00	8.20		
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	8.85		
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.35	106	6.00	8.65		
Total BTEx	<0.300	0.300	10/18/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/18/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 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
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 10/17/2023
Reported: 10/20/2023
Project Name: BIG BOY ST. #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: B6 21 (H235640-21)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2023	ND	2.04	102	2.00	2.38	
Toluene*	<0.050	0.050	10/18/2023	ND	2.15	107	2.00	3.80	
Ethylbenzene*	<0.050	0.050	10/18/2023	ND	2.16	108	2.00	5.18	
Total Xylenes*	<0.150	0.150	10/18/2023	ND	6.47	108	6.00	6.22	
Total BTX	<0.300	0.300	10/18/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2023	ND	180	90.2	200	4.72	
DRO >C10-C28*	<10.0	10.0	10/17/2023	ND	189	94.7	200	7.25	
EXT DRO >C28-C36	<10.0	10.0	10/17/2023	ND					

Surrogate: 1-Chlorooctane 72.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
A-01	Ending CCV failed high. All samples < MRL.
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



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29

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 Energy Project Name: Big Box St. #1 Project Location: Eddy County Sampler Name: Terany Manor FOR LAB USE ONLY				BILL TO P.O. #: _____ Company: Spur Energy Attn: Bradley Molder Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____				ANALYSIS REQUEST			
Relinquished By: _____ Date: 10-17-23 Time: 9:59 Received By: _____ Date: _____ Time: _____		Relinquished By: _____ Date: _____ Time: _____		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>		CHECKED BY: _____ (Initials)		REMARKS:			
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 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 arising 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.				Lab I.D. H235640		Sample I.D.		DATE 10-16 TIME		TPH Ext BTEX Chlorides	
1 BG 1 2 BG 2 3 BG 3 4 BG 4 5 BG 5 6 BG 6 7 BG 7 8 BG 8 9 BG 9 10 BG 10		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV.		SAMPLING					



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO																																	
Project Manager: Chris Jones				ANALYSIS REQUEST																																	
Address: 1601 N. Turner St., Ste 500		Company: Spar Energy																																			
City: Hobbs		Attn: Bradley Wolder																																			
State: NM zip: 88240		Address:																																			
Phone #: 575-964-7814		City:																																			
Fax #:		State:																																			
Project #:		Zip:																																			
Project Name: Big Box St #1		Phone #:																																			
Project Location: Eddy County		Fax #:																																			
Sampler Name: Serrano Manuel																																					
FOR LAB USE ONLY																																					
Lab I.D. #12356416																																					
Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH Ext BTEX Chlorides									
11 B5 11																								10-16													
12 B5 12																																					
13 B5 13																																					
14 B5 14																																					
15 B5 15																																					
16 B5 16																																					
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18 B5 18																																					
19 B5 19																																					
20 B5 20																																					
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 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, arising 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:		Date: 10-17-23		Time: 9:59		Received By:		Date:		Time:		Sample Condition		Checked By:		Phone Result:		Fax Result:		REMARKS:															
Relinquished By:		Date:		Time:		Received By:		Date:		Time:		Sample Condition		Checked By:		Phone Result:		Fax Result:		REMARKS:																	
Delivered By: (Circle One)		D90C		Sample Condition		Cool Intact		Yes		No		Checked By:		Phone Result:		Fax Result:		REMARKS:																			
Sampler - UPS - Bus - Other:		#14D		Cool Intact		Yes		No		Checked By:		Phone Result:		Fax Result:		REMARKS:																					

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

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 #:				P.O. #: Company: Spur Energy Attn: Bradley Molder Address: City: State: Zip: Phone #: Fax #:			
Project #: Project Name: Big Boy St. #1 Project Location: Eddy County Sampler Name: Jeremy Mavor							
FOR LAB USE ONLY <div style="display: flex; justify-content: space-between;"> <div> H235C40 Lab I.D. </div> <div> Sample I.D. </div> </div>							
<div style="display: flex; justify-content: space-between;"> <div> 4 B5 21 </div> <div> 10-16 </div> </div>							
<div style="display: flex; justify-content: space-between;"> <div> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : </div> <div> MATRIX PRESERV SAMPLING </div> </div>							
DATE TIME				TPH Ext BTEX Chlorides			
REMARKS:							

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State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

QUESTIONS

Action 394402

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 394402
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328639888
Incident Name	NAPP2328639888 BIG BOY STATE #1 BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BIG BOY STATE #1 BATTERY
Date Release Discovered	10/13/2023
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: High Line Pressure Pipeline (Any) Produced Water Released: 53 BBL Recovered: 50 BBL Lost: 3 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)	FUSE BETWEEN POLY PIPE AND POLY TRANSITION BROKE DUE TO TEMPERATURE FLUCTUATIONS CAUSING PIPE TO EXPAND AND CONTRACT

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QUESTIONS, Page 2

Action 394402

QUESTIONS (continued)

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	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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.	

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: 10/22/2024
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QUESTIONS, Page 3

Action 394402

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	394402
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 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	Greater than 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	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
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)	27600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	23750
GRO+DRO (EPA SW-846 Method 8015M)	21680
BTEX (EPA SW-846 Method 8021B or 8260B)	379
Benzene (EPA SW-846 Method 8021B or 8260B)	12.8

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	07/01/2024
On what date will (or did) the final sampling or liner inspection occur	08/07/2024
On what date will (or was) the remediation complete(d)	08/07/2024
What is the estimated surface area (in square feet) that will be reclaimed	26000
What is the estimated volume (in cubic yards) that will be reclaimed	9000
What is the estimated surface area (in square feet) that will be remediated	26000
What is the estimated volume (in cubic yards) that will be remediated	9000

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 394402

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	394402
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: 10/22/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 394402

QUESTIONS (continued)

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

QUESTIONS

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 394402

QUESTIONS (continued)

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

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	370307
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/07/2024
What was the (estimated) number of samples that were to be gathered	33
What was the sampling surface area in square feet	3906

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	26000
What was the total volume (cubic yards) remediated	9000
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	26000
What was the total volume (in cubic yards) reclaimed	9000
Summarize any additional remediation activities not included by answers (above)	RELEASE WAS REMEDIATED IN ACCORDANCE WITH THE MOST STRINGENT NMOCD STANDARDS

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: 10/22/2024
--	---

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QUESTIONS, Page 7

Action 394402

QUESTIONS (continued)

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

QUESTIONS

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

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CONDITIONS

Action 394402

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 394402
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CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2328639888 BIG BOY STATE #1 BATTERY, thank you. This Remediation Closure Report is approved.	11/15/2024