



May 2, 2025

NMOCD District 2  
Artesia, NM 88210

**Re: Site Assessment, Remediation, and Closure Request**  
**Lakewood SWD #1**  
**API No. N/A**  
**GPS: Latitude 32.67926 Longitude -104.40292**  
**U/L "B", Sec. 08, T19S, R26E**  
**Eddy County, NM**  
**NMOCD Ref. No. NAPP2422957740**

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

Release Details			
<b>Type of Release:</b>	Produced Water	<b>Volume of Release:</b>	348 bbls
		<b>Volume Recovered:</b>	40 bbls
<b>Source of Release:</b>	Pipeline	<b>Date of Release:</b>	8/16/24
<b>Was Immediate Notice Given?</b>	Yes	<b>If, Yes, to Whom?</b>	NOR Online Portal
<b>Was a Watercourse Reached?</b>	No	<b>If Yes, Volume Impacting Watercourse:</b>	N/A
<b>Surface Owner:</b>	Private	<b>Mineral Owner:</b>	Private
A bust in the underground poly pipe caused a leak to rise to the surface and leak into the pasture.			

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

## REGULATORY FRAMEWORK & SITE CHARACTERIZATION

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

- Depth to Groundwater in the affected area 100-500'
- Method to determine DTW 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- 500-1000'
- Any lakebed, sinkhole, or playa lake- >5 mi
- An occupied permanent residence, school, hospital, institution, or church- 1000'-1/2 mi
- A spring or a private domestic fresh water well used by less than 5 households for domestic or stock watering purposes- 1-5 mi
- Any other fresh water well or spring- 1/2-1 mi
- Incorporated municipal boundaries or a defined municipal fresh water well field- 1-5 mi
- A wetland- 200-300'
- A subsurface mine- >5 mi
- An (non-karst) unstable area- >5 mi
- Categorize the risk of this well/site being in a karst area geology- Medium
- A 100-year floodplain- Zero Feet, underlying, or within the area
- 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 Piedmont alluvial deposits (Holocene to lower Pleistocene)—Includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits (QP). The soil in this area is made up of Pima Silt Loam, with 0 to 1 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 September 5th, 2024, Paragon conducted an initial site assessment. During the initial site assessment, it was determined we would gather samples in the area where the spill had come out of the poly line and flowed onto the pasture. We brought out a backhoe to excavate eight (8) soil samples to determine the vertical extent of soil impact. We performed field titrations on these samples. A summary of the field results collected during the above-stated activities is provided below:

- BH-1 <600mg at 7' BGS
- BH-2 <600mg at 9' BGS
- BH-3 <600mg at 7' BGS
- BH-4 <600mg at 11' BGS
- BH-5 <600mg at 7' BGS
- BH-6 <600mg at 7' BGS
- BH-7 <600mg at 7' BGS
- BH-8 <600mg at 9' BGS

### REMEDIAL ACTIVITIES

On October 7th, 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 from the east side of the spill and working our way west back toward the battery. Confirmation samples were labeled B for bottoms and SW for sidewalls. Our excavation and sampling were done in two phases. In the first phase, we excavated the areas of BH-3, BH-4, BH-5, BH-6 and BH-7. In the second phase, we excavated the areas of BH-1, BH-2 and BH-8. The depths, square footage, and yardage are detailed below:

- BH-5 and BH-6 Excavated to a depth of 7' BGS – 6200 S/F, 1600 C/Y
- BH-4 Excavated to a depth of 11' BGS – 5800 S/F, 2400 C/Y
- BH-3 and BH-7 Excavated to a depth of 7' BGS – 18000 S/F, 4600 C/Y
- BH-2 and BH-8 Excavated to a depth of 9' BGS – 19000 S/F, 6300 C/Y
- BH-1 Excavated to a depth of 7' BGS – 15500 S/F, 4000 C/Y

The spill area was 600 feet long, 80'-230' wide, and the total area was roughly 64,800 S/F. Before obtaining confirmation samples, we were granted a variance request from the NMOCD. The variance allowed us to make the bottom samples representative of no more than 400 sq/ft, and the sidewall samples were obtained every 50 feet. A sampling notification was submitted to the NMOCD to collect confirmation samples. Phase 1 sampling event is in the following data table:

Phase I Sampling Event  
10-16-24 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 10-16-24	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 - 1 7'	ND	ND	ND	ND	ND	ND	32
B - 2 7'	ND	ND	ND	ND	ND	ND	48
B - 3 7'	ND	ND	ND	ND	ND	ND	32
B - 4 7'	ND	ND	ND	ND	ND	ND	32
B - 5 7'	ND	ND	ND	ND	ND	ND	48
B - 6 7'	ND	ND	ND	ND	ND	ND	64
B - 7 7'	ND	ND	ND	ND	ND	ND	48
B - 8 7'	ND	ND	ND	ND	ND	ND	48
B - 9 7'	ND	ND	ND	ND	ND	ND	48
B - 10 7'	ND	ND	ND	ND	ND	ND	224
B - 11 7'	ND	ND	ND	ND	ND	ND	80
B - 12 7'	ND	ND	ND	ND	ND	ND	48
B - 13 7'	ND	ND	ND	ND	ND	ND	240
B - 14 7'	ND	ND	ND	ND	ND	ND	16
B - 15 7'	ND	ND	ND	ND	ND	ND	128
B - 16 7'	ND	ND	ND	ND	ND	ND	ND
B - 17 11'	ND	ND	ND	ND	ND	ND	32
B - 18 11'	ND	ND	ND	ND	ND	ND	16
B - 19 11'	ND	ND	ND	ND	ND	ND	ND
B - 20 11'	ND	ND	ND	ND	ND	ND	16
B - 21 11'	ND	ND	ND	ND	ND	ND	ND
B - 22 11'	ND	ND	ND	ND	ND	ND	96
B - 23 11'	ND	ND	ND	ND	ND	ND	ND
B - 24 11'	ND	ND	ND	ND	ND	ND	ND
B - 25 11'	ND	ND	ND	ND	ND	ND	16
B - 26 11'	ND	ND	ND	ND	ND	ND	592
B - 27 11'	ND	ND	ND	ND	ND	ND	320
B - 28 11'	ND	ND	ND	ND	ND	ND	400
B - 29 11'	ND	ND	ND	ND	ND	ND	480
B - 30 11'	ND	ND	ND	ND	ND	ND	576
B - 31 11'	ND	ND	ND	ND	ND	ND	112
B - 32 7'	ND	ND	ND	ND	ND	ND	48
B - 33 7'	ND	ND	ND	ND	ND	ND	240
B - 34 7'	ND	ND	ND	ND	ND	ND	672
B - 35 7'	ND	ND	ND	ND	ND	ND	272
B - 36 7'	ND	ND	ND	ND	ND	ND	352
B - 37 7'	ND	ND	ND	ND	ND	ND	16
B - 38 7'	ND	ND	ND	ND	ND	ND	32



B - 39 7'	ND	ND	ND	ND	ND	ND	32
B - 40 7'	ND	ND	ND	ND	ND	ND	32
B - 41 7'	ND	ND	ND	ND	ND	ND	48
B - 42 7'	ND	ND	ND	ND	ND	ND	48
B - 43 7'	ND	ND	ND	ND	ND	ND	32
B - 44 7'	ND	ND	ND	ND	ND	ND	48
B - 45 7'	ND	ND	ND	ND	ND	ND	80
B - 46 7'	ND	ND	ND	ND	ND	ND	32
B - 47 7'	ND	ND	ND	ND	ND	ND	48
B - 48 7'	ND	ND	ND	ND	ND	ND	96
B - 49 7'	ND	ND	ND	ND	ND	ND	16
B - 50 7'	ND	ND	ND	ND	ND	ND	48
B - 51 7'	ND	ND	ND	ND	ND	ND	16
B - 52 7'	ND	ND	ND	ND	ND	ND	48
B - 53 7'	ND	ND	ND	ND	ND	ND	32
B - 54 7'	ND	ND	ND	ND	ND	ND	32
B - 55 7'	ND	ND	ND	ND	ND	ND	16
B - 56 7'	ND	ND	ND	ND	ND	ND	48
B - 57 7'	ND	ND	ND	ND	ND	ND	48
B - 58 7'	ND	ND	ND	ND	ND	ND	16
B - 59 7'	ND	ND	ND	ND	ND	ND	208
B - 60 7'	ND	ND	ND	ND	ND	ND	32
B - 61 7'	ND	ND	ND	ND	ND	ND	48
B - 62 7'	ND	ND	ND	ND	ND	ND	64
B - 63 7'	ND	ND	ND	ND	ND	ND	64
B - 64 7'	ND	ND	ND	ND	ND	ND	32
B - 65 7'	ND	ND	ND	ND	ND	ND	64
B - 66 7'	ND	ND	ND	ND	ND	ND	32
B - 67 7'	ND	ND	ND	ND	ND	ND	48
B - 68 7'	ND	ND	ND	ND	ND	ND	48
B - 69 7'	ND	ND	ND	ND	ND	ND	32
B - 70 7'	ND	ND	ND	ND	ND	ND	80
B - 71 7'	ND	ND	ND	ND	ND	ND	32
B - 72 7'	ND	ND	ND	ND	ND	ND	48
B - 73 7'	ND	ND	ND	ND	ND	ND	32
B - 74 7'	ND	ND	ND	ND	ND	ND	48
B - 75 7'	ND	ND	ND	ND	ND	ND	32
B - 76 7'	ND	ND	ND	ND	ND	ND	32
ESW - 1 7'	ND	ND	ND	ND	ND	ND	96
ESW - 2 11'	ND	ND	ND	ND	ND	ND	48
NSW - 1 7'	ND	ND	ND	ND	ND	ND	48
NSW - 2 7'	ND	ND	ND	ND	ND	ND	48
NSW - 3 7'	ND	ND	ND	ND	ND	ND	64

NSW - 4 7'	ND	ND	ND	ND	ND	ND	80
NSW - 5 7'	ND	ND	ND	ND	ND	ND	80
NSW - 6 7'	ND	ND	ND	ND	ND	ND	48
NSW - 7 7'	ND	ND	ND	ND	ND	ND	32
NSW - 8 7'	ND	ND	ND	ND	ND	ND	48
SSW - 1 7'	ND	ND	ND	ND	ND	ND	48
SSW - 2 7'	ND	ND	ND	ND	ND	ND	64
SSW - 3 11'	ND	ND	ND	ND	ND	ND	48
SSW - 4 11'	ND	ND	ND	ND	ND	ND	48
SSW - 5 7'	ND	ND	ND	ND	ND	ND	80
SSW - 6 7'	ND	ND	ND	ND	ND	ND	112
SSW - 7 7'	ND	ND	ND	ND	ND	ND	64
SSW - 8 7'	ND	ND	ND	ND	ND	ND	112
SSW - 9 7'	ND	ND	ND	ND	ND	ND	48
WSW - 1 11'	ND	ND	ND	ND	ND	ND	64
WSW - 2 11'	ND	ND	ND	ND	ND	ND	64

(ND) Analyte Not Detected

Laboratory data is attached in Appendix D

A Site Map is provided in Figure #1.

As the excavation was being conducted, backfill material was being stockpiled from the landowner's pit. The area of B-34 7' was still above NMOCD closure criteria, so we dug that area down to 7.5' BGS. A composite sample from the backfill stockpile was obtained and turned in with the Phase II sample results in the following data table.

Phase II Sampling Event  
11-7-24 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 11-7-24	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 - 34 7 1/2'	ND	ND	ND	ND	ND	ND	240
BACKFILL	ND	ND	ND	ND	ND	ND	224
B - 77 9'	ND	ND	ND	ND	ND	ND	144
B - 78 9'	ND	ND	ND	ND	ND	ND	128
B - 79 9'	ND	ND	ND	ND	ND	ND	112
B - 80 9'	ND	ND	ND	ND	ND	ND	128
B - 81 9'	ND	ND	ND	ND	ND	ND	128
B - 82 9'	ND	ND	ND	ND	ND	ND	32
B - 83 9'	ND	ND	ND	ND	ND	ND	32
B - 84 9'	ND	ND	ND	ND	ND	ND	144
B - 85 9'	ND	ND	ND	ND	ND	ND	80
B - 86 9'	ND	ND	ND	ND	ND	ND	32
B - 87 9'	ND	ND	ND	ND	ND	ND	112
B - 88 9'	ND	ND	ND	ND	ND	ND	32
B - 89 9'	ND	ND	ND	ND	ND	ND	32
B - 90 9'	ND	ND	ND	ND	ND	ND	32
B - 91 9'	ND	ND	ND	ND	ND	ND	32
B - 92 9'	ND	ND	ND	ND	ND	ND	48
B - 93 9'	ND	ND	ND	ND	ND	ND	16
B - 94 9'	ND	ND	ND	ND	ND	ND	32
B - 95 9'	ND	ND	ND	ND	ND	ND	32
B - 96 9'	ND	ND	ND	ND	ND	ND	32
B - 97 9'	ND	ND	ND	ND	ND	ND	32
B - 98 9'	ND	ND	ND	ND	ND	ND	16
B - 99 9'	ND	ND	ND	ND	ND	ND	32
B - 100 9'	ND	ND	ND	ND	ND	ND	16
B - 101 9'	ND	ND	ND	ND	ND	ND	96
B - 102 9'	ND	ND	ND	ND	ND	ND	96
B - 103 9'	ND	ND	ND	ND	ND	ND	128
B - 104 9'	ND	ND	ND	ND	ND	ND	80
B - 105 9'	ND	ND	ND	ND	ND	ND	96
B - 106 9'	ND	ND	ND	ND	ND	ND	96
B - 107 9'	ND	ND	ND	ND	ND	ND	96
B - 108 9'	ND	ND	ND	ND	ND	ND	96
B - 109 9'	ND	ND	ND	ND	ND	ND	112
B - 110 9'	ND	ND	ND	ND	ND	ND	96
B - 111 9'	ND	ND	ND	ND	ND	ND	112
B - 112 9'	ND	ND	ND	ND	ND	ND	128
B - 113 9'	ND	ND	ND	ND	ND	ND	112
B - 114 9'	ND	ND	ND	ND	ND	ND	128
B - 115 9'	ND	ND	ND	ND	ND	ND	112
B - 116 9'	ND	ND	ND	ND	ND	ND	96
B - 117 9'	ND	ND	ND	ND	ND	ND	112
B - 118 9'	ND	ND	ND	ND	ND	ND	128
B - 119 9'	ND	ND	ND	ND	ND	ND	112
B - 120 9'	ND	ND	ND	ND	ND	ND	96

B - 121 9'	ND	ND	ND	ND	ND	ND	112
B - 122 9'	ND	ND	ND	ND	ND	ND	128
B - 123 7'	ND	ND	ND	ND	ND	ND	32
B - 124 7'	ND	ND	ND	ND	ND	ND	16
B - 125 7'	ND	ND	ND	ND	ND	ND	208
B - 126 7'	ND	ND	ND	ND	ND	ND	32
B - 127 7'	ND	ND	ND	ND	ND	ND	32
B - 128 7'	ND	ND	ND	ND	ND	ND	32
B - 129 7'	ND	ND	ND	ND	ND	ND	16
B - 130 7'	ND	ND	ND	ND	ND	ND	32
B - 131 7'	ND	ND	ND	ND	ND	ND	16
B - 132 7'	ND	ND	ND	ND	ND	ND	16
B - 133 7'	ND	ND	ND	ND	ND	ND	32
B - 134 7'	ND	ND	ND	ND	ND	ND	32
B - 135 7'	ND	ND	ND	ND	ND	ND	32
B - 136 7'	ND	ND	ND	ND	ND	ND	32
B - 137 7'	ND	ND	ND	ND	ND	ND	32
B - 138 7'	ND	ND	ND	ND	ND	ND	16
B - 139 7'	ND	ND	ND	ND	ND	ND	32
B - 140 7'	ND	ND	ND	ND	ND	ND	32
B - 141 7'	ND	ND	ND	ND	ND	ND	32
B - 142 7'	ND	ND	ND	ND	ND	ND	16
B - 143 7'	ND	ND	ND	ND	ND	ND	16
B - 144 7'	ND	ND	ND	ND	ND	ND	16
B - 145 7'	ND	ND	ND	ND	ND	ND	48
B - 146 7'	ND	ND	ND	ND	ND	ND	16
B - 147 7'	ND	ND	ND	ND	ND	ND	32
B - 148 7'	ND	ND	ND	ND	ND	ND	32
B - 149 7'	ND	ND	ND	ND	ND	ND	16
B - 150 7'	ND	ND	ND	ND	ND	ND	16
B - 151 7'	ND	ND	ND	ND	ND	ND	32
B - 152 7'	ND	ND	ND	ND	ND	ND	32
B - 153 7'	ND	ND	ND	ND	ND	ND	16
B - 154 7'	ND	ND	ND	ND	ND	ND	16
B - 155 7'	ND	ND	ND	ND	ND	ND	32
B - 156 7'	ND	ND	ND	ND	ND	ND	16
B - 157 7'	ND	ND	ND	ND	ND	ND	32
B - 158 7'	ND	ND	ND	ND	ND	ND	32
B - 159 7'	ND	ND	ND	ND	ND	ND	32
B - 160 7'	ND	ND	ND	ND	ND	ND	32
B - 161 7'	ND	ND	ND	ND	ND	ND	16
B - 162 7'	ND	ND	ND	ND	ND	ND	32

NSW - 9 9'	ND	ND	ND	ND	ND	ND	112
NSW - 10 9'	ND	ND	ND	ND	ND	ND	128
NSW - 11 9'	ND	ND	ND	ND	ND	ND	128
NSW - 12 7'	ND	ND	ND	ND	ND	ND	16
NSW - 13 7'	ND	ND	ND	ND	ND	ND	32
NSW - 14 7'	ND	ND	ND	ND	ND	ND	32
NSW - 15 7'	ND	ND	ND	ND	ND	ND	16
WSW - 3 9'	ND	ND	ND	ND	ND	ND	96
WSW - 4 9'	ND	ND	ND	ND	ND	ND	128
WSW - 5 9'	ND	ND	ND	ND	ND	ND	112
WSW - 6 9'	ND	ND	ND	ND	ND	ND	128
WSW - 7 7'	ND	ND	ND	ND	ND	ND	32
WSW - 8 7'	ND	ND	ND	ND	ND	ND	32
WSW - 9 7'	ND	ND	ND	ND	ND	ND	16
SSW - 10 9'	ND	ND	ND	ND	ND	ND	128
SSW - 11 9'	ND	ND	ND	ND	ND	ND	32
SSW - 12 9'	ND	ND	ND	ND	ND	ND	ND
SSW - 13 7'	ND	ND	ND	ND	ND	ND	32

(ND) Analyte Not Detected

Laboratory data is attached in Appendix D

These laboratory analytical results showed that the confirmation soil samples were below NMOCD Closure Criteria. The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. After receiving laboratory analytical results below the closure criteria, on the excavated areas were backfilled with “like” material obtained from a localized topsoil 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 C Clay Sites, which includes Vine mesquite 2.5lbs/Acre, Alkali sacaton 2lbs/Acre, Tobosa grass 2lbs/Acre, Blue grama 1lbs/Acre, Prairie coneflower 1lbs/Acre, Blue flax 1lbs/Acre, Scarlet globemallow 1lbs/Acre, Fourwing saltbush 2lbs/Acre, and Douglas rabbitbrush 1.5lbs/Acre.

## CLOSURE REQUEST

After careful review, Paragon requests that the incident, NAPP2422957740, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

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

Respectfully,



Tristan Jones  
Project Manager  
Paragon Environmental, LLC



Chris Jones  
Environmental Professional  
Paragon Environmental, LLC



### Attachments

#### **Figures:**

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

#### **Appendices:**

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



Figures:




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

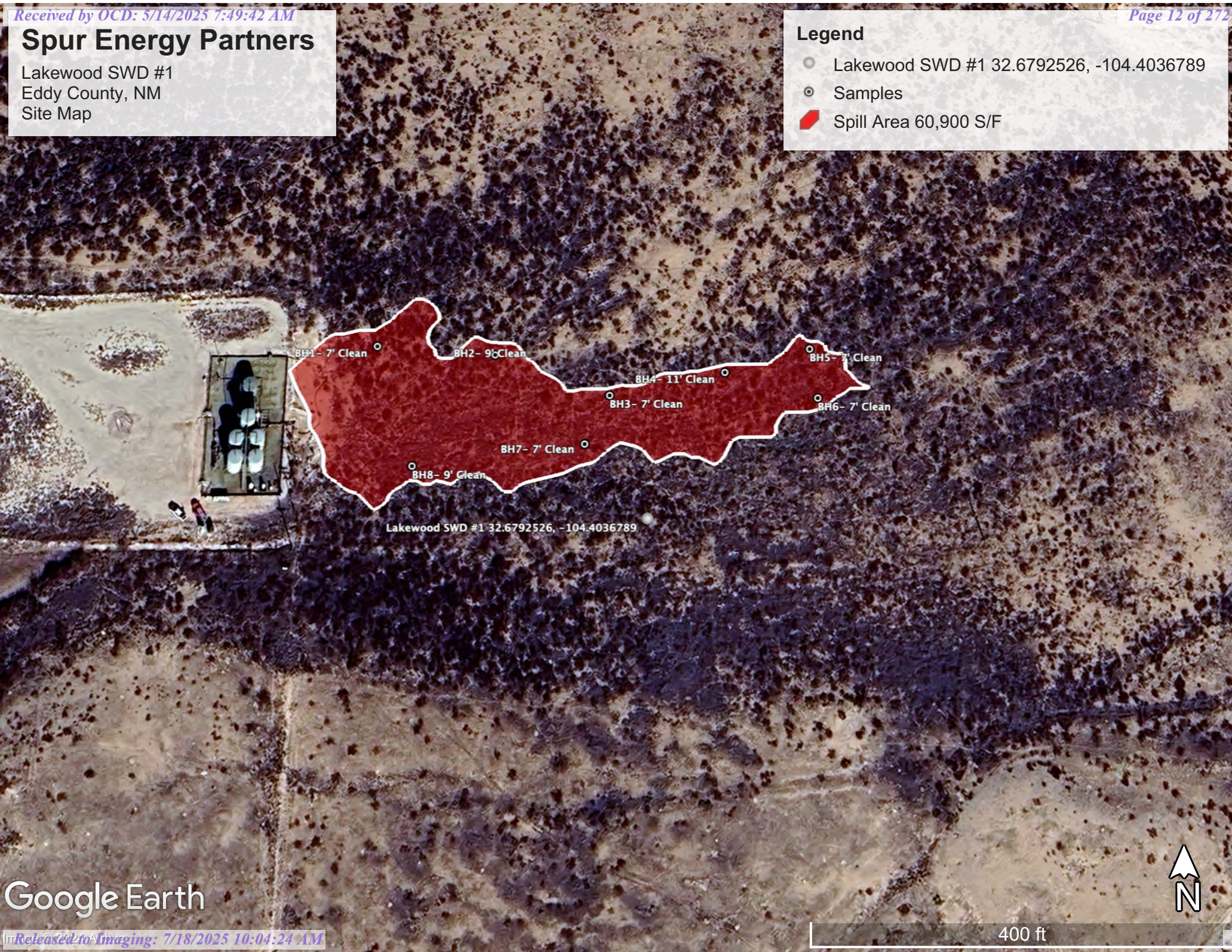


# Spur Energy Partners

Lakewood SWD #1  
Eddy County, NM  
Site Map

## Legend

-  Lakewood SWD #1 32.6792526, -104.4036789
-  Samples
-  Spill Area 60,900 S/F



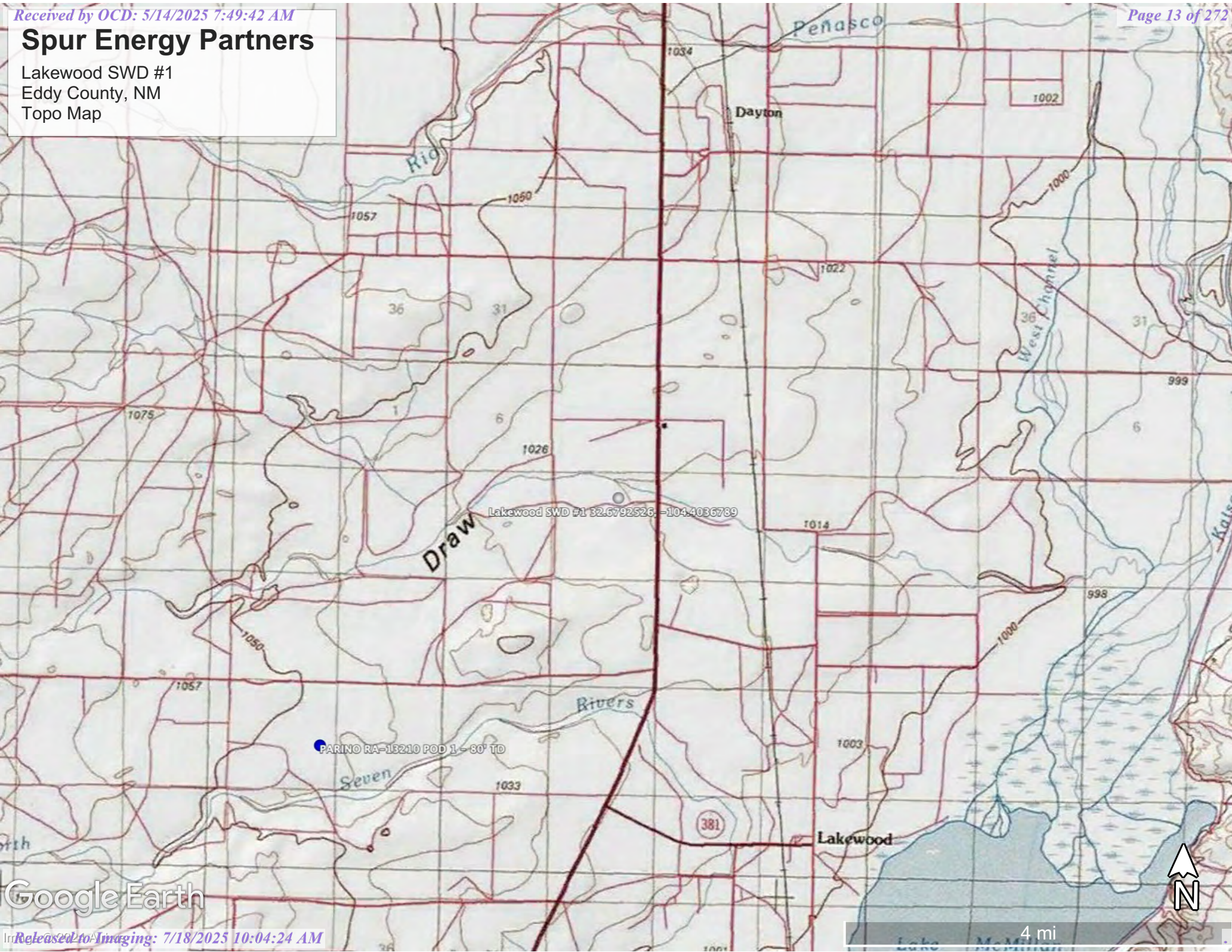
Google Earth

400 ft



# Spur Energy Partners

Lakewood SWD #1  
Eddy County, NM  
Topo Map



Google Earth



# Spur Energy Partners

Lakewood SWD #1  
Eddy County, NM  
Karst Map

## Legend

- High
- Low
- Medium

Lakewood SWD #1 32.6792526, -104.4036789



4 mi



Google Earth

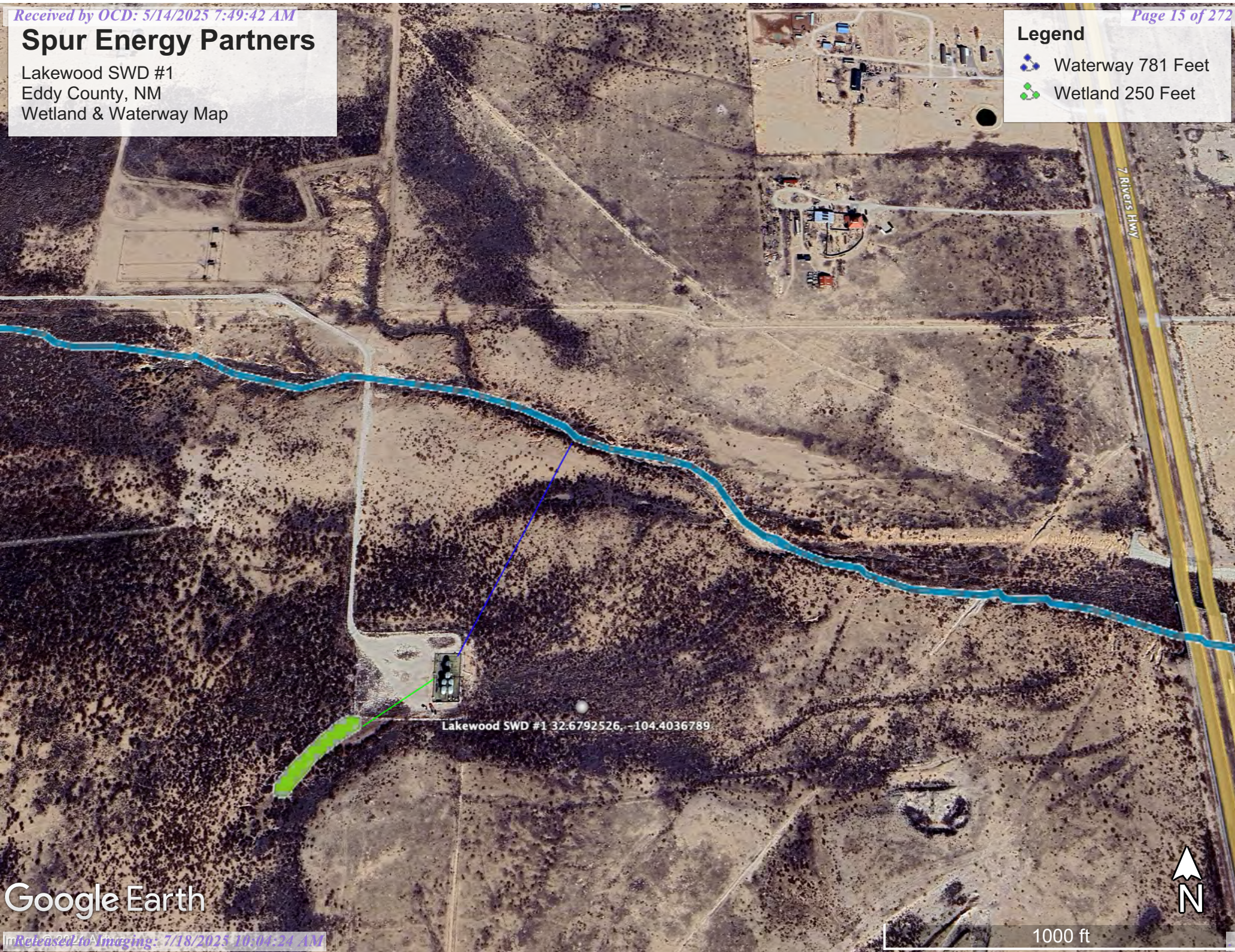


# Spur Energy Partners

Lakewood SWD #1  
Eddy County, NM  
Wetland & Waterway Map

## Legend

-  Waterway 781 Feet
-  Wetland 250 Feet



Google Earth










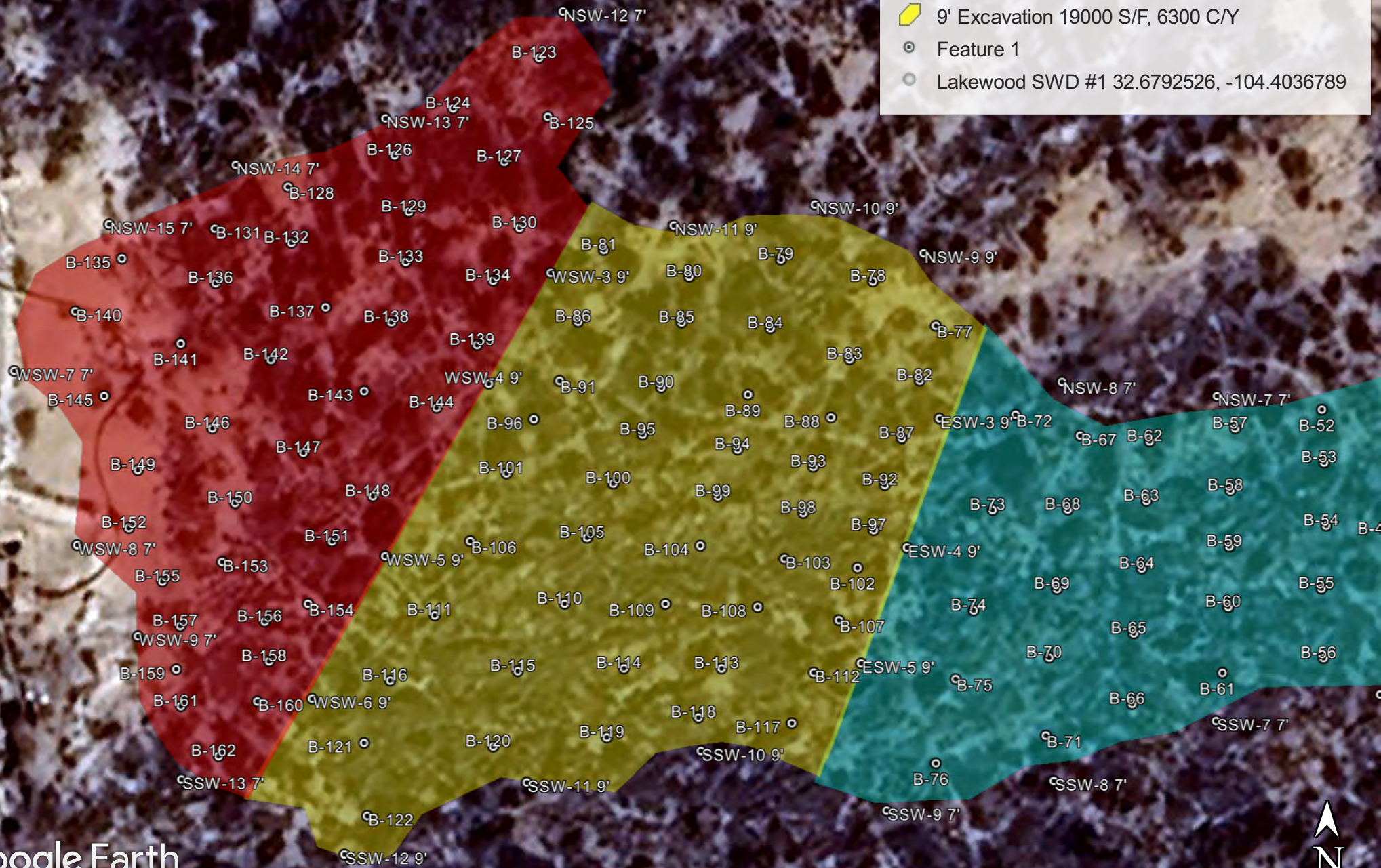


Lakewood SWD #1  
API # N/A  
Eddy County, NM  
Confirmation Sample Map

### Legend

-  11' Excavation 5800 S/F, 2400 C/Y
-  7' Exc. 6200 S/F, 1600 C/Y
-  7' Excavation 15500 S/F, 4000 C/Y
-  7' Excavation 18000 S/F, 4600 C/Y
-  9' Excavation 19000 S/F, 6300 C/Y

- Feature 1
- Lakewood SWD #1 32.6792526, -104.4036789



# Google Earth














## Appendix A:

### Referenced Water Data

New Mexico State of Engineers Office

# 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 smallest to largest)			(NAD83 UTM in meters)				(In feet)	(In feet)	(In feet)					
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">RA 06588</a>		RA	ED	SE	SW	SE	05	19S	26E	556173.0	3616360.0 * 		527	200		
<a href="#">RA 06129</a>		RA	ED		SE	SE	05	19S	26E	556477.0	3616462.0 * 		781	125	190	-65
<a href="#">RA 08567</a>		RA	ED	NW	SE	SE	05	19S	26E	556376.0	3616561.0 * 		800	264	80	184
<a href="#">RA 04272</a>		RA	ED	NE	SE	SE	05	19S	26E	556576.0	3616561.0 * 		920	102	58	44
<a href="#">RA 07954</a>		RA	ED	SW	NE	SW	05	19S	26E	555566.0	3616763.0 * 		968	290	175	115
<a href="#">RA 06986</a>		RA	ED		NW	SE	05	19S	26E	556070.0	3616865.0 * 		993	195	165	30
<a href="#">RA 07172</a>		RA	ED		NW	SE	05	19S	26E	556070.0	3616865.0 * 		993	210	95	115

Average Depth to Water: **127 feet**

Minimum Depth: **58 feet**

Maximum Depth: **190 feet**

**Record Count:** 7

**Basin/County Search:**

**Basin:** RA

**County:** ED

**UTM Filters (in meters):**

**Easting:** 555959.0231

**Northing:** 3615877.336

**Radius:** 1000

\* 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.



Appendix B:

Soil Survey

U.S.D.A.

FEMA Flood Map



Map Unit Description: Pima silt loam, saline, 0 to 1 percent slopes---Eddy Area, New Mexico

---

## Eddy Area, New Mexico

### Pn—Pima silt loam, saline, 0 to 1 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w59

*Elevation:* 1,100 to 5,400 feet

*Mean annual precipitation:* 6 to 16 inches

*Mean annual air temperature:* 60 to 70 degrees F

*Frost-free period:* 180 to 240 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Pima and similar soils:* 98 percent

*Minor components:* 2 percent

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

#### Description of Pima

##### Setting

*Landform:* Flood plains, alluvial flats, alluvial fans

*Landform position (three-dimensional):* Talf, rise

*Down-slope shape:* Convex, linear

*Across-slope shape:* Linear, convex

*Parent material:* Alluvium

##### Typical profile

*H1 - 0 to 3 inches:* silt loam

*H2 - 3 to 60 inches:* silty clay loam

##### Properties and qualities

*Slope:* 0 to 1 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Medium

*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:* Rare

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 15 percent

*Maximum salinity:* Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

*Sodium adsorption ratio, maximum:* 1.0

*Available water supply, 0 to 60 inches:* High (about 11.9 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 1

*Land capability classification (nonirrigated):* 7c

*Hydrologic Soil Group:* C

*Ecological site:* R070BC033NM - Salty Bottomland

Map Unit Description: Pima silt loam, saline, 0 to 1 percent slopes---Eddy Area, New Mexico

---

*Hydric soil rating:* No

#### **Minor Components**

##### **Reagan**

*Percent of map unit:* 1 percent

*Ecological site:* R070BC007NM - Loamy

*Hydric soil rating:* No

##### **Pima**

*Percent of map unit:* 1 percent

*Ecological site:* R070BC017NM - Bottomland

*Hydric soil rating:* No

### **Data Source Information**

Soil Survey Area: Eddy Area, New Mexico

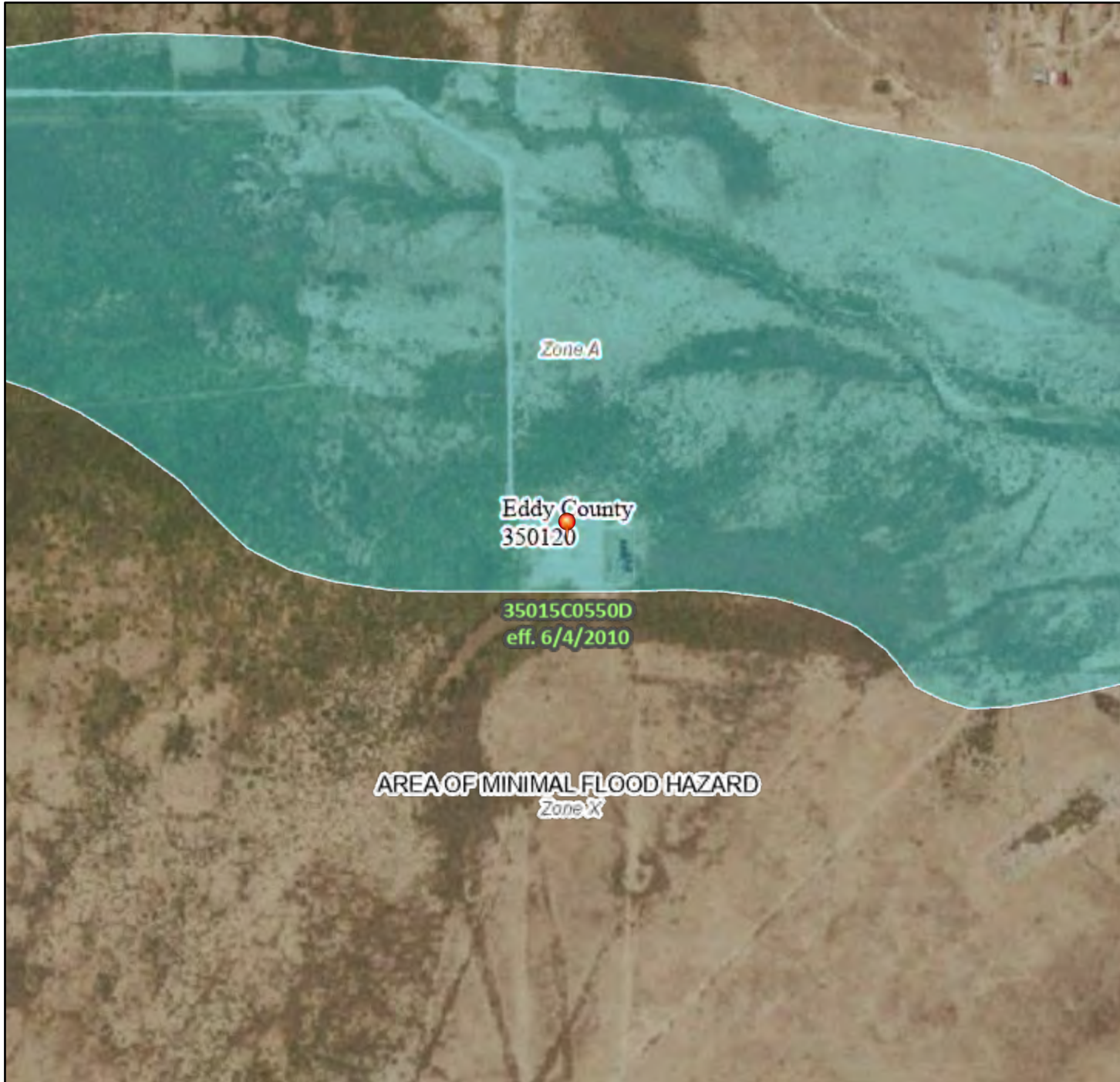
Survey Area Data: Version 20, Sep 3, 2024



# National Flood Hazard Layer FIRMette



104°24'32"W 32°41'N



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

1:6,000

104°23'55"W 32°40'30"N

Released to Imaging: 7/18/2025 10:04:24 AM

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		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
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 8/27/2024 at 11:31 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Appendix C:

NMOCD Notification

Variance Approval

Photographic Documentation





OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

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

Submission Information

Submission ID:	392087	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , LAKEWOOD SWD #1 , nAPP2422957740		
Status:	APPROVED		
Status Date:	10/11/2024		
References (2):	30-015-40717, nAPP2422957740		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2422957740
Incident Name	NAPP2422957740 LAKEWOOD SWD #1 @ 30-015-40717
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-40717] LAKEWOOD SWD #001

Location of Release Source

Site Name	LAKEWOOD SWD #1
Date Release Discovered	08/16/2024
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	28,430
What is the estimated number of samples that will be gathered	160
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/16/2024
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Tristan Jones 575-318-6841
Please provide any information necessary for navigation to sampling site	32.6792526, -104.4036789

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	apena (10/11/2024), 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

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

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

#### Submission Information

Submission ID:	399619	Districts:	Artesia
Operator:	<a href="#">[328947]</a> Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , LAKEWOOD SWD #1 , nAPP2422957740		
Status:	APPROVED		
Status Date:	11/05/2024		
References (2):	30-015-40717, nAPP2422957740		

#### Forms

This application type does not have attachments.

#### Questions

##### Prerequisites

Incident ID (n#)	nAPP2422957740
Incident Name	NAPP2422957740 LAKEWOOD SWD #1 @ 30-015-40717
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-40717] LAKEWOOD SWD #001

##### Location of Release Source

Site Name	LAKEWOOD SWD #1
Date Release Discovered	08/16/2024
Surface Owner	Private

##### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	26,000
What is the estimated number of samples that will be gathered	160
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/07/2024
Time sampling will commence	12:00 PM
<b>Warning: Notification can not be less than two business days prior to conducting final sampling.</b>	
Please provide any information necessary for observers to contact samplers	Tristan Jones. (575) 318-6841. tristan@paragonenvironmental.net
Please provide any information necessary for navigation to sampling site	32.679135,-104.402963 FROM INT OF US 285 & ROCKING R RED RD GO W ON ROCKING RED FOR .6MI; N ON LEASE RD .95MI; W ON LEASE FOR .25MI ; N ON LEASE FOR .95MI; E ON LEASE FOR .48MI; S ON LEASE RD FOR .25MI TO LOCATION SPILL ON EAST SIDE OF LOCATION

#### Acknowledgments

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

#### Comments

No comments found for this submission.

#### Conditions

Summary:	tristanjones (11/5/2024), 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.
----------	---

#### Reasons

No reasons found for this submission.

Go Back



Tristan Jones &lt;tristan@paragonenvironmental.net&gt;

**Fwd: [EXTERNAL] nAPP2422957740 Lakewood SWD#1 Variance Request**

1 message

**Chris Jones** <chris@paragonenvironmental.net>  
To: Tristan Jones <tristan@paragonenvironmental.net>

Tue, Oct 15, 2024 at 7:16 AM

Chris Jones  
Environmental Professional  
Cell 575-631-6977

"We do not inherit the earth from our ancestors; we borrow it from our children." Chief Seattle

Begin forwarded message:

**From:** Katherine Purvis <katherine.purvis@spurenergy.com>  
**Date:** October 10, 2024 at 2:05:28 PM CDT  
**To:** "Rodgers, Scott, EMNRD" <Scott.Rodgers@emnrd.nm.gov>  
**Cc:** Braidy Moulder <bmoulder@spurenergy.com>, Chris Jones <chris@paragonenvironmental.net>, "Bratcher, Michael, EMNRD" <mike.bratcher@emnrd.nm.gov>, "Hamlet, Robert, EMNRD" <Robert.Hamlet@emnrd.nm.gov>  
**Subject:** RE: [EXTERNAL] nAPP2422957740 Lakewood SWD#1 Variance Request

Thank you. I really appreciate you getting back to me so quickly.

Kathy Purvis  
EHS Coordinator  
(575) 441-8619



**From:** Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>  
**Sent:** Thursday, October 10, 2024 1:02 PM  
**To:** Katherine Purvis <katherine.purvis@spurenergy.com>  
**Cc:** Braidy Moulder <bmoulder@spurenergy.com>; Chris Jones <chris@paragonenvironmental.net>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>  
**Subject:** RE: [EXTERNAL] nAPP2422957740 Lakewood SWD#1 Variance Request

Good afternoon Kathy,

OCD will approve bottom samples to be 5-point composites representative of 400 sq ft. Side wall samples must be 5-point composites representative of 200 sq ft.

This site is in a 100-year flood plain therefore it must be treated as if it occurred in an area where depth to groundwater is less than 50 feet (See Table I of 19.15.29.12 NMAC).

What is the proposed method for disposition of impacted soils?

Thank you,

Scott

**Scott Rodgers** • Environmental Specialist – Adv.

Environmental Bureau

EMNRD - Oil Conservation Division

8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113

505.469.1830 | [scott.rodgers@emnrd.nm.gov](mailto:scott.rodgers@emnrd.nm.gov)

<http://www.emnrd.nm.gov/ocd>



---

**From:** Katherine Purvis <[katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com)>

**Sent:** Thursday, October 10, 2024 9:25 AM

**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>; Rodgers, Scott, EMNRD <[Scott.Rodgers@emnrd.nm.gov](mailto:Scott.Rodgers@emnrd.nm.gov)>

**Cc:** Braidy Moulder <[bmoulder@spurenergy.com](mailto:bmoulder@spurenergy.com)>; Chris Jones <[chris@paragonenvironmental.net](mailto:chris@paragonenvironmental.net)>

**Subject:** RE: [EXTERNAL] nAPP2422957740 Lakewood SWD#1 Variance Request

You don't often get email from [katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com). [Learn why this is important](#)

Great Mr. Hamlet. Thank you for letting me know. I look forward to receiving a response from Mr. Rodgers as this project is currently underway.

Kathy Purvis

EHS Coordinator

(575) 441-8619

<image002.png>



---

**From:** Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>  
**Sent:** Thursday, October 10, 2024 9:08 AM  
**To:** Katherine Purvis <[katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com)>; Rodgers, Scott, EMNRD <[Scott.Rodgers@emnrd.nm.gov](mailto:Scott.Rodgers@emnrd.nm.gov)>  
**Cc:** Braidy Moulder <[bmoulder@spurenergy.com](mailto:bmoulder@spurenergy.com)>; Chris Jones <[chris@paragonenvironmental.net](mailto:chris@paragonenvironmental.net)>  
**Subject:** RE: [EXTERNAL] nAPP2422957740 Lakewood SWD#1 Variance Request

Katherine,

It looks like Scott Rodgers is the reviewer on this incident. I'll let him get back to you on this variance request. Thank you

**Robert Hamlet** • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

[506 W. Texas Ave.](#) | Artesia, NM 88210

575.909.0302 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)

<http://www.emnrd.state.nm.us/OCD/>

<image003.jpg>

---

**From:** Katherine Purvis <[katherine.purvis@spurenergy.com](mailto:katherine.purvis@spurenergy.com)>  
**Sent:** Tuesday, October 8, 2024 7:32 AM  
**To:** Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>  
**Cc:** Braidy Moulder <[bmoulder@spurenergy.com](mailto:bmoulder@spurenergy.com)>; Chris Jones <[chris@paragonenvironmental.net](mailto:chris@paragonenvironmental.net)>  
**Subject:** [EXTERNAL] nAPP2422957740 Lakewood SWD#1 Variance Request

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

Mr. Hamlet-

Please see attached the variance request for the Lakewood SWD #1 release. We are requesting a variance for confirmation sample because the size of this release is greater than 60,000 square feet. We would kindly appreciate your approval of the variance request as we believe obtaining five-point composite sampling will still provide a clear picture of the successful remediation efforts. If you have any questions, please feel free to contact me. Thanks.

Kathy Purvis

EHS Coordinator

(575) 441-8619

<image002.png>

now they are safe

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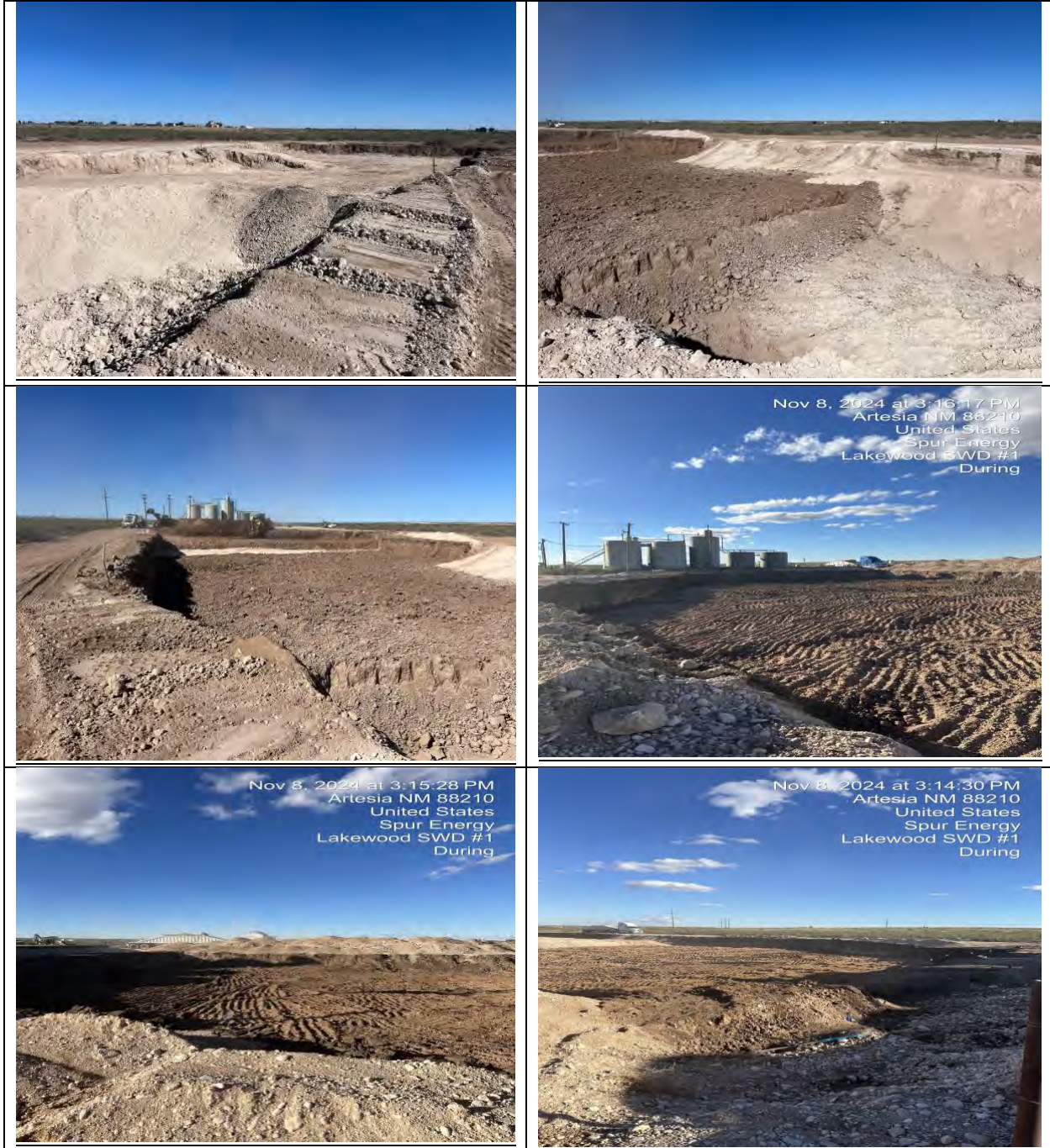
**Photographic Documentation  
Before**







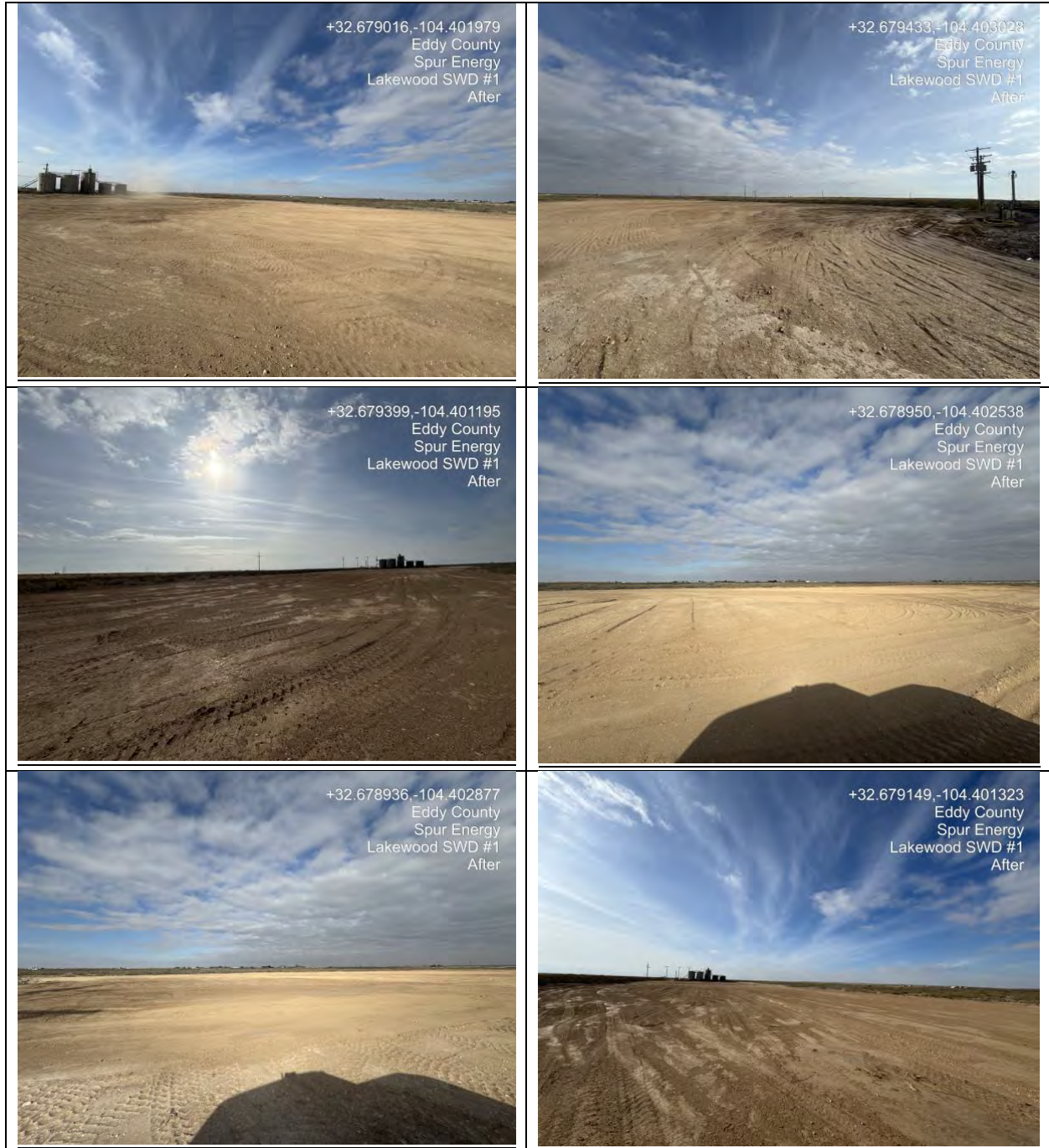
**Photographic Documentation  
During**







**Photographic Documentation**  
**Post**





Appendix D:  
Laboratory Results



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

October 23, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: LAKEWOOD SWD #1

Enclosed are the results of analyses for samples received by the laboratory on 10/17/24 12:29.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 1 7' (H246367-01)**

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	10/18/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/18/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.04	101	6.00	2.07	
Total BTEx	<0.300	0.300	10/18/2024	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	32.0	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2024	ND	184	92.1	200	0.345	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	192	96.1	200	0.256	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 2 7' (H246367-02)**

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	10/18/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/18/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.04	101	6.00	2.07	
Total BTX	<0.300	0.300	10/18/2024	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	48.0	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.3 % 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

**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 3 7' (H246367-03)**

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	10/19/2024	ND	2.18	109	2.00	1.04		
Toluene*	<0.050	0.050	10/19/2024	ND	2.09	105	2.00	1.12		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.06	103	2.00	1.77		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.04	101	6.00	2.07		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.3 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 4 7' (H246367-04)**

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	10/19/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/19/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.04	101	6.00	2.07	
Total BTEx	<0.300	0.300	10/19/2024	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	32.0	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.3 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 5 7' (H246367-05)**

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	10/19/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/19/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.04	101	6.00	2.07	
Total BTEx	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 6 7' (H246367-06)**

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	10/19/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/19/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.04	101	6.00	2.07	
Total BTX	<0.300	0.300	10/19/2024	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	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.1 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 7 7' (H246367-07)**

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	10/19/2024	ND	2.18	109	2.00	1.04		
Toluene*	<0.050	0.050	10/19/2024	ND	2.09	105	2.00	1.12		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.06	103	2.00	1.77		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.04	101	6.00	2.07		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 61.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 51.0 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 8 7' (H246367-08)**

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	10/19/2024	ND	2.18	109	2.00	1.04	
Toluene*	<0.050	0.050	10/19/2024	ND	2.09	105	2.00	1.12	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.06	103	2.00	1.77	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.04	101	6.00	2.07	
Total BTX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/18/2024	ND	480	120	400	10.5	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.6 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 9 7' (H246367-09)**

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	10/19/2024	ND	2.18	109	2.00	1.04		
Toluene*	<0.050	0.050	10/19/2024	ND	2.09	105	2.00	1.12		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.06	103	2.00	1.77		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.04	101	6.00	2.07		
Total BTEx	<0.300	0.300	10/19/2024	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	48.0	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 10 7' (H246367-10)**

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	10/19/2024	ND	2.18	109	2.00	1.04		
Toluene*	<0.050	0.050	10/19/2024	ND	2.09	105	2.00	1.12		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.06	103	2.00	1.77		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.04	101	6.00	2.07		
Total BTEx	<0.300	0.300	10/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	224	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 63.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.0 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 11 7' (H246367-11)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTEx	<0.300	0.300	10/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 12 7' (H246367-12)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTX	<0.300	0.300	10/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 13 7' (H246367-13)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTEx	<0.300	0.300	10/18/2024	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	240	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 14 7' (H246367-14)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTEx	<0.300	0.300	10/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.4 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 15 7' (H246367-15)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTEx	<0.300	0.300	10/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	128	16.0	10/18/2024	ND	480	120	400	10.5		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 63.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 50.7 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 16 7' (H246367-16)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTEx	<0.300	0.300	10/18/2024	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	<16.0	16.0	10/18/2024	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	10/18/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.8 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 17 11' (H246367-17)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTEx	<0.300	0.300	10/18/2024	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	32.0	16.0	10/18/2024	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	10/21/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 18 11' (H246367-18)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTEx	<0.300	0.300	10/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/18/2024	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	10/21/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 19 11' (H246367-19)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTEx	<0.300	0.300	10/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	<16.0	16.0	10/18/2024	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	10/21/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 20 11' (H246367-20)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTX	<0.300	0.300	10/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/18/2024	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	10/21/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.3 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 21 11' (H246367-21)**

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	10/18/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/18/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.29	105	6.00	2.34		
Total BTEx	<0.300	0.300	10/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/18/2024	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	10/21/2024	ND	197	98.7	200	0.719	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	187	93.3	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.7 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 22 11' (H246367-22)**

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	10/19/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/19/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.29	105	6.00	2.34		
Total BTX	<0.300	0.300	10/19/2024	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	96.0	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 64.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.4 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 23 11' (H246367-23)**

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	10/19/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/19/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.29	105	6.00	2.34		
Total BTEx	<0.300	0.300	10/19/2024	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	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 24 11' (H246367-24)**

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	10/19/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/19/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.29	105	6.00	2.34		
Total BTX	<0.300	0.300	10/19/2024	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	10/18/2024	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	10/21/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 25 11' (H246367-25)**

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	10/19/2024	ND	2.10	105	2.00	2.99	
Toluene*	<0.050	0.050	10/19/2024	ND	2.10	105	2.00	0.0877	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.12	106	2.00	1.95	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.29	105	6.00	2.34	
Total BTEX	<0.300	0.300	10/19/2024	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	16.0	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.9 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 26 11' (H246367-26)**

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	10/19/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/19/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.29	105	6.00	2.34		
Total BTEX	<0.300	0.300	10/19/2024	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	592	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 54.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 51.9 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 27 11' (H246367-27)**

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	10/19/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/19/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.29	105	6.00	2.34		
Total BTX	<0.300	0.300	10/19/2024	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	320	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 28 11' (H246367-28)**

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	10/19/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/19/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.29	105	6.00	2.34		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 29 11' (H246367-29)**

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	10/19/2024	ND	2.10	105	2.00	2.99	
Toluene*	<0.050	0.050	10/19/2024	ND	2.10	105	2.00	0.0877	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.12	106	2.00	1.95	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.29	105	6.00	2.34	
Total BTX	<0.300	0.300	10/19/2024	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	480	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 66.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 30 11' (H246367-30)**

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	10/19/2024	ND	2.10	105	2.00	2.99		
Toluene*	<0.050	0.050	10/19/2024	ND	2.10	105	2.00	0.0877		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.12	106	2.00	1.95		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	6.29	105	6.00	2.34		
Total BTEX	<0.300	0.300	10/19/2024	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	576	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 50.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 50.8 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 31 11' (H246367-31)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	QM-07	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6		
Total BTEX	<0.300	0.300	10/19/2024	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	112	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 32 7' (H246367-32)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6	
Total BTX	<0.300	0.300	10/19/2024	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	48.0	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 33 7' (H246367-33)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6		
Total BTX	<0.300	0.300	10/19/2024	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	240	16.0	10/18/2024	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	10/21/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/21/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/21/2024	ND					

Surrogate: 1-Chlorooctane 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.4 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 34 7' (H246367-34)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6	
Total BTX	<0.300	0.300	10/19/2024	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	672	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 69.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 35 7' (H246367-35)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6	
Total BTX	<0.300	0.300	10/19/2024	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	272	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 36 7' (H246367-36)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6		
Total BTEX	<0.300	0.300	10/19/2024	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	352	16.0	10/18/2024	ND	448	112	400	3.64	QR-03	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 66.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.3 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 37 7' (H246367-37)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6	
Total BTX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 64.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.5 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 38 7' (H246367-38)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6	
Total BTX	<0.300	0.300	10/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 39 7' (H246367-39)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6		
Total BTEX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 66.9 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 40 7' (H246367-40)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6	
Total BTX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 41 7' (H246367-41)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6	
Total BTEX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/18/2024	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	10/18/2024	ND	203	101	200	2.10	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	184	92.1	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 42 7' (H246367-42)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 43 7' (H246367-43)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 44 7' (H246367-44)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6	
Total BTEX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 45 7' (H246367-45)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6	
Total BTX	<0.300	0.300	10/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 46 7' (H246367-46)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 47 7' (H246367-47)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6		
Total BTEX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 100 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 48 7' (H246367-48)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6		
Total BTEX	<0.300	0.300	10/19/2024	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	96.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 49 7' (H246367-49)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 50 7' (H246367-50)**

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	10/19/2024	ND	1.61	80.3	2.00	26.6	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.2	2.00	26.8	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.79	89.7	2.00	25.0	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.37	89.6	6.00	24.6	
Total BTX	<0.300	0.300	10/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 67.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 51 7' (H246367-51)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4	
Total BTEX	<0.300	0.300	10/19/2024	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	16.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 52 7' (H246367-52)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTX	<0.300	0.300	10/19/2024	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	48.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 53 7' (H246367-53)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTEX	<0.300	0.300	10/19/2024	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	32.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 54 7' (H246367-54)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 55 7' (H246367-55)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/18/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 56 7' (H246367-56)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 57 7' (H246367-57)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 58 7' (H246367-58)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/21/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 59 7' (H246367-59)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTEX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	10/21/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 60 7' (H246367-60)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 61 7' (H246367-61)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	192	95.9	200	0.155	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	183	91.6	200	0.634	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 62 7' (H246367-62)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 63 7' (H246367-63)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 64 7' (H246367-64)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4	
Total BTX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 65 7' (H246367-65)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7	
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4	
Total BTEX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 107 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 66 7' (H246367-66)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 67 7' (H246367-67)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTEX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 111 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 68 7' (H246367-68)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 69 7' (H246367-69)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTEX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 70 7' (H246367-70)**

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	10/19/2024	ND	1.69	84.6	2.00	23.7		
Toluene*	<0.050	0.050	10/19/2024	ND	1.68	84.0	2.00	21.2		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.76	87.8	2.00	17.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.23	87.2	6.00	17.4		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 105 % 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



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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 71 7' (H246367-71)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 104 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 72 7' (H246367-72)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 67.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 73 7' (H246367-73)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 74 7' (H246367-74)**

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	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 75 7' (H246367-75)**

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	10/19/2024	ND	2.30	115	2.00	1.46	
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53	
Total BTX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 76 7' (H246367-76)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTEX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 111 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 1 7' (H246367-77)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 2 7' (H246367-78)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2024	ND	2.30	115	2.00	1.46	
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53	
Total BTEX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2024	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	10/19/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/19/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/19/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 3 7' (H246367-79)**

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	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTEX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/21/2024	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	10/19/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/19/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/19/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 4 7' (H246367-80)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTEX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/21/2024	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	10/19/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/19/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/19/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 5 7' (H246367-81)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTEX	<0.300	0.300	10/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	10/21/2024	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	10/19/2024	ND	179	89.7	200	4.62	
DRO >C10-C28*	<10.0	10.0	10/19/2024	ND	182	90.9	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	10/19/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 6 7' (H246367-82)**

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	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 7 7' (H246367-83)**

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	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 8 7' (H246367-84)**

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	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 107 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 1 7' (H246367-85)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2024	ND	2.30	115	2.00	1.46	
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53	
Total BTEx	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 2 7' (H246367-86)**

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	10/19/2024	ND	2.30	115	2.00	1.46	
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53	
Total BTX	<0.300	0.300	10/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 116 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 3 11' (H246367-87)**

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	10/19/2024	ND	2.30	115	2.00	1.46	
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53	
Total BTX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 4 11' (H246367-88)**

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	10/19/2024	ND	2.30	115	2.00	1.46		
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 5 7' (H246367-89)**

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	10/19/2024	ND	2.30	115	2.00	1.46	
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53	
Total BTX	<0.300	0.300	10/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 6 7' (H246367-90)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2024	ND	2.30	115	2.00	1.46	
Toluene*	<0.050	0.050	10/19/2024	ND	2.42	121	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	2.47	124	2.00	2.40	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	7.39	123	6.00	1.53	
Total BTEx	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 7 7' (H246367-91)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2024	ND	1.60	80.0	2.00	21.8	
Toluene*	<0.050	0.050	10/19/2024	ND	1.69	84.7	2.00	19.4	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.78	88.8	2.00	16.4	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.33	88.8	6.00	15.9	
Total BTEX	<0.300	0.300	10/19/2024	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	64.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 8 7' (H246367-92)**

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	10/19/2024	ND	1.60	80.0	2.00	21.8	
Toluene*	<0.050	0.050	10/19/2024	ND	1.69	84.7	2.00	19.4	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.78	88.8	2.00	16.4	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.33	88.8	6.00	15.9	
Total BTX	<0.300	0.300	10/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	112	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 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  
1601 N TURNER ST., STE 500  
HOBBS NM, 88240  
Fax To:

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 9 7' (H246367-93)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	1.60	80.0	2.00	21.8		
Toluene*	<0.050	0.050	10/19/2024	ND	1.69	84.7	2.00	19.4		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.78	88.8	2.00	16.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.33	88.8	6.00	15.9		
Total BTEx	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW - 1 7' (H246367-94)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	1.60	80.0	2.00	21.8		
Toluene*	<0.050	0.050	10/19/2024	ND	1.69	84.7	2.00	19.4		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.78	88.8	2.00	16.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.33	88.8	6.00	15.9		
Total BTEx	<0.300	0.300	10/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	96.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 62.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.1 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: ESW - 2 11' (H246367-95)**

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	10/19/2024	ND	1.60	80.0	2.00	21.8		
Toluene*	<0.050	0.050	10/19/2024	ND	1.69	84.7	2.00	19.4		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.78	88.8	2.00	16.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.33	88.8	6.00	15.9		
Total BTX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 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

**Analytical Results For:**

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

Received: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 1 11' (H246367-96)**

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	10/19/2024	ND	1.60	80.0	2.00	21.8	
Toluene*	<0.050	0.050	10/19/2024	ND	1.69	84.7	2.00	19.4	
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.78	88.8	2.00	16.4	
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.33	88.8	6.00	15.9	
Total BTX	<0.300	0.300	10/19/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 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: 10/17/2024  
Reported: 10/23/2024  
Project Name: LAKEWOOD SWD #1  
Project Number: NOT GIVEN  
Project Location: SPUR - EDDY COUNTY

Sampling Date: 10/16/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 2 11' (H246367-97)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2024	ND	1.60	80.0	2.00	21.8		
Toluene*	<0.050	0.050	10/19/2024	ND	1.69	84.7	2.00	19.4		
Ethylbenzene*	<0.050	0.050	10/19/2024	ND	1.78	88.8	2.00	16.4		
Total Xylenes*	<0.150	0.150	10/19/2024	ND	5.33	88.8	6.00	15.9		
Total BTEX	<0.300	0.300	10/19/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/21/2024	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	10/18/2024	ND	215	108	200	3.81	
DRO >C10-C28*	<10.0	10.0	10/18/2024	ND	204	102	200	1.60	
EXT DRO >C28-C36	<10.0	10.0	10/18/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



---

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---

### Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
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 "Celey D. Keene".

---

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St, Ste 500

City: Hobbs State: NM Zip: 88240

Phone #: 575-964-7814 Fax #:

Project #: Project Owner: SPUR

Project Name: Wakefield SDD #1

Project Location: Eddy County, NM

Sampler Name: Franki Reddy

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H241367

B-1 7'

B-2 7'

B-3 7'

B-4 7'

B-5 7'

B-6 7'

B-7 7'

B-8 7'

B-9 7'

B-10 7'

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

10/16

TPH EXT  
Chlorides  
BTEX

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Relinquished By:

Date: 10/17 Received By: SPUR

Relinquished By:

Date: 10/17 Received By: SPUR

Delivered By: (Circle One) - 3.4: C.O.O.

Sampler - UPS - Bus - Other: -302 #140

Sample Condition Cool Intact Yes ☒ No ☐

CHECKED BY: SPUR

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

REMARKS:





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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(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:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :								
AP44367	B-A 7'	C											10/16							TPH EXT chlorides BTEx
11	B-12 7'																			
12	B-13 7'																			
13	B-14 7'																			
14	B-15 7'																			
15	B-16 7'																			
16	B-17 11'																			
17	B-18 11'																			
18	B-19 11'																			
19	B-20 11'																			
20	B-21 11'																			

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Relinquished By:

Date: 10/17

Received By:

Phone Result:

☐ Yes ☒ No

Fax Result:

☐ Yes ☒ No

Add'l Phone #:

Add'l Fax #:

Reinquinshed By:

Date:

Received By:

REMARKS:

☐ Yes ☒ No

Fax Result:

☐ Yes ☒ No

Add'l Phone #:

Add'l Fax #:

Delivered By: (Circle One)	-3.41e-0.0e	Sample Condition	CHECKED BY:
UPS		Cool Intact	SJL
Bus - Other:	-3.0e#14D	Yes No	



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: "

Project Name: " City: State: Zip: "

Project Location: " Phone #: "

Sampler Name: " Fax #: "

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Handwritten: H246367

Handwritten: 21 8-21 11'

Handwritten: 22 8-22 11'

Handwritten: 23 8-23 11'

Handwritten: 24 8-24 11'

Handwritten: 25 8-25 11'

Handwritten: 26 8-26 11'

Handwritten: 27 8-27 11'

Handwritten: 28 8-28 11'

Handwritten: 29 8-29 11'

Handwritten: 30 8-30 11'

Handwritten: C

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

Handwritten: 10/16

TIME

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

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Handwritten: 10/16

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Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: TPH EXT  
Chlorides  
BTEX

ANALYSIS REQUEST

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Handwritten: 10/16

Relinquished By:

Handwritten: [Signature]

Date: 10/17

Received By:

Handwritten: [Signature]

Relinquished By:

Handwritten: [Signature]

Date: 10/17

Received By:

Handwritten: [Signature]

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Handwritten: -2.4/C.O.U.

Handwritten: -3.0. #146

Sample Condition

Cool

Intact

Yes

No

Yes

No

Checked By:

Handwritten: [Signature]

Phone Result:

Yes

No

Add'l Phone #:

Fax Result:

Yes

No

Add'l Fax #:

REMARKS:

Handwritten: [Signature]

Handwritten: [Signature]

Handwritten: [Signature]

Handwritten: [Signature]

Handwritten: [Signature]

Handwritten: [Signature]

Handwritten: [Signature]

Handwritten: [Signature]

Handwritten: [Signature]

Handwritten: [Signature]





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  
Project #: 11  
Project Name: 11  
Project Location: 11  
Project Owner: 11  
Project Name: 11  
Project Location: 11  
Project Owner: 11  
Project Name: 11  
Project Location: 11  
Project Owner: 11

P.O. #: 11  
Company: 11  
Attn: 11  
Address: 11  
City: 11  
State: 11  
Zip: 11  
Phone #: 11  
Fax #: 11

FOR LAB USE ONLY  
Lab I.D. Sample I.D.  
Sample Name: 11  
Project Location: 11  
Project Name: 11  
Project Location: 11  
Project Owner: 11  
Project Name: 11  
Project Location: 11  
Project Owner: 11  
Project Name: 11  
Project Location: 11  
Project Owner: 11

MATRIX  
GROUNDWATER  
WASTEWATER  
SOIL  
OIL  
SLUDGE  
OTHER :  
ACID/BASE:  
ICE / COOL  
OTHER :  
DATE  
TIME

TPH EXT  
Chlorides  
BTEx

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	REMARKS
4040367	B-31 11'	C	1	GROUNDWATER			10/16		
31	B-32 7'			WASTEWATER					
32	B-33 7'			SOIL					
33	B-34 7'			OIL					
34	B-35 7'			SLUDGE					
35	B-36 7'			OTHER :					
36	B-37 7'			ACID/BASE:					
37	B-38 7'			ICE / COOL					
38	B-39 7'			OTHER :					
39	B-40 7'								
40	B-40 7'								

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Relinquished By: [Signature] Date: 10/17 Received By: [Signature] Date: 10/16  
Time: 13:29  
Relinquished By: [Signature] Date: [Signature] Received By: [Signature] Date: [Signature]  
Time: [Signature]  
Delivered By: (Circle One) -2.4/C.O.O. Sample Condition Cool Intact  
Cool Intact Yes No  
Sample - UPS - Bus - Other: -3.0: #140 Yes No  
CHECKED BY: [Signature]  
REMARKS: [Signature]  
Phone Result: Yes No Add'l Phone #: [Signature]  
Fax Result: Yes No Add'l Fax #: [Signature]

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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: 11

Project Name: 6

Project Location: 4

Sampler Name: 16

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	ANALYSIS REQUEST									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											
H246367	B-41 71	C								16/16		TPH	EXT							
41	B-42 71											Chlorides								
42	B-43 71											BTEX								
43	B-44 71																			
44	B-45 71																			
45	B-46 71																			
46	B-47 71																			
47	B-48 71																			
48	B-49 71																			
49	B-50 71																			

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Relinquished By:

Date: 10/17

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)

-2.4:10-0.0:1

Sample Condition Cool Intact ☒ Yes ☐ No

CHECKED BY: (Initials) SKE

Sampler - UPS - Bus - Other:

-3.0:1140

☐ 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 Name:**

**Project Location:**

**Sampler Name:**

FOR LAB USE ONLY

**BILL TO**

**P.O. #:**

**Company:**

**Attn:**

**Address:**

**City:**

**State:** **Zip:**

**Phone #:**

**Fax #:**

**Lab I.D.** **Sample I.D.**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				ACID/BASE:
H246367													
51	B-51	7'											
52	B-52	7'											
53	B-53	7'											
54	B-54	7'											
55	B-55	7'											
56	B-56	7'											
57	B-57	7'											
58	B-58	7'											
59	B-59	7'											
60	B-60	7'											

**Relinquished By:** **Received By:**

**Delivered By:** (Circle One) **Sample Condition**

**Sampler - UPS - Bus - Other:** ☐ Cool ☐ Intact ☐ Pres ☐ Yes ☐ No

**Checked By:** (Initials)

**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: 11

Project Name: 11

Project Location: 11

Sampler Name: 11

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H246367

601 B-61 71

602 B-62 71

603 B-63 71

604 B-64 71

605 B-65 71

606 B-66 71

607 B-67 71

608 B-68 71

609 B-69 71

610 B-70 71

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

TRH EXT  
Chloride  
BTEX

ANALYSIS REQUEST

BILL TO

P.O. #:

Company: 11

Attn: 11

Address:

City:

State: Zip:

Phone #:

Fax #:

PRESERV

SAMPLING

Relinquished By:

Date: 10/17

Received By:

Signature: Speedier

Relinquished By:

Date: 10/17

Received By:

Signature: Speedier

Delivered By: (Circle One)

24/10/00

Sample Condition

CHECKED BY:

Sampler - UPS - Bus - Other:

3.0: #110

Yes No

Signature: SP

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

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





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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: K

Project Name: C

City:

State:

Zip:

Project Location: C

Phone #:

Fax #:

Sampler Name: C

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H246367

71 B-71 7'

72 B-72 7'

73 B-73 7'

74 B-74 7'

75 B-75 7'

76 B-76 7'

77 B-77 7'

78 B-78 7'

79 B-79 7'

80 B-80 7'

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TRH EXT  
Chlorides  
BTEX

ANALYSIS REQUEST

BILL TO

P.O. #:

Company: C

Attn: C

Address:

City:

State:

Zip:

Phone #:

Fax #:

PRESERV:

SAMPLING

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Relinquished By:

Date: 10/17

Received By:

Phone Result:

Yes

No

Add'l Phone #:

Add'l Fax #:

Relinquished By:

Date: 10/17

Received By:

Phone Result:

Yes

No

Add'l Phone #:

Add'l Fax #:

Delivered By: (Circle One)

2.41/C-C-C

Sample Condition

CHECKED BY:

Sampler - UPS - Bus - Other:

-3.0: #140

Cool Intact

Checked By: SKE

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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:

Project Name: City: State: Zip: Phone #: Fax #:

Project Location: Phone #: Fax #:

Sampler Name: Matrix: PRESERV: SAMPLING

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H246367

81 NSW-5 7'

82 NSW-6 7'

83 NSW-7 7'

84 NSW-8 7'

85 SSW-1 7'

86 SSW-2 7'

87 SSW-3 11'

88 SSW-4 11'

89 SSW-5 7'

90 SSW-6 7'

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE TIME

10/16

TPH EXT  
Chlorides  
BTEX

ANALYSIS REQUEST

Relinquished By:

Date: 10/16 Received By:

Relinquished By:

Date: 10/16 Received By:

Delivered By: (Circle One) 246367

Sample Condition

CHECKED BY:

Sampler - UPS - Bus - Other:

30: #140

Cool Intact

872

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

REMARKS:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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: 14

Project Name: State: Zip:

Project Location: 11 Phone #: Fax #:

Sample Name: 1 MATRIX PRESERV SAMPLING

FOR LAB USE ONLY

Lab I.D. Sample I.D.

1246367

91 55W-7 7'

92 55W-8 7'

93 55W-9 7'

94 ESU-1 7'

95 ESU-2 11'

96 WSU-1 11'

97 WSU-2 11'

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE 16/16

TIME

TPH EXT  
CHlorides  
BTEX

ANALYSIS REQUEST

Relinquished By:

Date: 10/17

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)

-2.4.12 e.o.v.

Sample Condition Cool Intact

CHECKED BY: (initials)

Sampler - UPS - Bus - Other:

-3.0: #140

Test Yes No

SR

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

November 14, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: LAKEWOOD

Enclosed are the results of analyses for samples received by the laboratory on 11/08/24 16:08.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 77 9' (H246845-01)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607		
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	144	16.0	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 78 9' (H246845-02)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607	
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47	
Total BTX	<0.300	0.300	11/12/2024	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	128	16.0	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 79 9' (H246845-03)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607		
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	112	16.0	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 63.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.3 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 80 9' (H246845-04)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607	
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	128	16.0	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 81 9' (H246845-05)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607		
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47		
Total BTEx	<0.300	0.300	11/12/2024	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	128	16.0	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 82 9' (H246845-06)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607		
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 83 9' (H246845-07)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607		
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47		
Total BTX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 84 9' (H246845-08)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607		
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47		
Total BTEX	<0.300	0.300	11/12/2024	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	144	16.0	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 85 9' (H246845-09)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607		
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	80.0	16.0	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 86 9' (H246845-10)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607		
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	32.0	16.0	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 87 9' (H246845-11)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607		
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	112	16.0	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 88 9' (H246845-12)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607	
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	11/12/2024	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	11/11/2024	ND	207	103	200	2.71	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	103	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 89 9' (H246845-13)**

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	11/12/2024	ND	1.99	99.5	2.00	0.607		
Toluene*	<0.050	0.050	11/12/2024	ND	1.94	97.1	2.00	2.43		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.95	97.3	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.76	96.1	6.00	3.47		
Total BTX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 90 9' (H246845-14)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEx	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 91 9' (H246845-15)**

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	11/12/2024	ND	2.21	111	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 92 9' (H246845-16)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEX	<0.300	0.300	11/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 93 9' (H246845-17)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEx	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 94 9' (H246845-18)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 95 9' (H246845-19)**

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	11/12/2024	ND	2.21	111	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21	
Total BTX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 96 9' (H246845-20)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEx	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 97 9' (H246845-21)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEX	<0.300	0.300	11/12/2024	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	32.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 98 9' (H246845-22)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEx	<0.300	0.300	11/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 99 9' (H246845-23)**

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	11/12/2024	ND	2.21	111	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21	
Total BTEX	<0.300	0.300	11/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77		
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26		
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND						

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 100 9' (H246845-24)**

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	11/12/2024	ND	2.21	111	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21	
Total BTEX	<0.300	0.300	11/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 101 9' (H246845-25)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEX	<0.300	0.300	11/12/2024	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	96.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 102 9' (H246845-26)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEX	<0.300	0.300	11/12/2024	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	96.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 103 9' (H246845-27)**

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	11/12/2024	ND	2.21	111	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21	
Total BTEX	<0.300	0.300	11/12/2024	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	128	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 104 9' (H246845-28)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEX	<0.300	0.300	11/12/2024	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	80.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 105 9' (H246845-29)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEX	<0.300	0.300	11/12/2024	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	96.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 106 9' (H246845-30)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEX	<0.300	0.300	11/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 107 9' (H246845-31)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEX	<0.300	0.300	11/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	11/12/2024	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	11/11/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 108 9' (H246845-32)**

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	11/12/2024	ND	2.21	111	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21		
Total BTEx	<0.300	0.300	11/12/2024	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	96.0	16.0	11/12/2024	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	11/12/2024	ND	218	109	200	3.77	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	197	98.3	200	4.26	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 109 9' (H246845-33)**

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	11/12/2024	ND	2.21	111	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2024	ND	2.26	113	2.00	3.33	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.17	108	2.00	4.27	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.88	115	6.00	3.21	
Total BTEX	<0.300	0.300	11/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 110 9' (H246845-34)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEX	<0.300	0.300	11/12/2024	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	96.0	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 111 9' (H246845-35)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTX	<0.300	0.300	11/12/2024	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	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 112 9' (H246845-36)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEx	<0.300	0.300	11/12/2024	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	128	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 113 9' (H246845-37)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTX	<0.300	0.300	11/12/2024	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	112	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 114 9' (H246845-38)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEX	<0.300	0.300	11/12/2024	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	128	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 115 9' (H246845-39)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEX	<0.300	0.300	11/12/2024	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	112	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 116 9' (H246845-40)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEx	<0.300	0.300	11/12/2024	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	96.0	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 117 9' (H246845-41)**

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	11/12/2024	ND	2.10	105	2.00	2.22	
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	112	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 9 9' (H246845-42)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEx	<0.300	0.300	11/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 10 9' (H246845-43)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTX	<0.300	0.300	11/12/2024	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	128	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 11 9' (H246845-44)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	128	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 3 9' (H246845-45)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEx	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	96.0	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 4 9' (H246845-46)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	128	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 5 9' (H246845-47)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	112	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 6 9' (H246845-48)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEx	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	128	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 123 7' (H246845-49)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 124 7' (H246845-50)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTX	<0.300	0.300	11/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 125 7' (H246845-51)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	208	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 126 7' (H246845-52)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTEx	<0.300	0.300	11/12/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/12/2024	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	11/11/2024	ND	217	108	200	0.866	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	207	104	200	0.653	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 127 7' (H246845-53)**

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	11/12/2024	ND	2.10	105	2.00	2.22		
Toluene*	<0.050	0.050	11/12/2024	ND	2.15	107	2.00	0.199		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.28	114	2.00	0.121		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.78	113	6.00	0.0775		
Total BTX	<0.300	0.300	11/12/2024	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	32.0	16.0	11/12/2024	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 129 7' (H246845-54)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	11/12/2024	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 130 7' (H246845-55)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEx	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	11/12/2024	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 131 7' (H246845-56)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	11/12/2024	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 132 7' (H246845-57)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	11/12/2024	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 133 7' (H246845-58)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEX	<0.300	0.300	11/12/2024	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	11/12/2024	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 134 7' (H246845-59)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 135 7' (H246845-60)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEx	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	11/12/2024	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 136 7' (H246845-61)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52		
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16		
Total BTEX	<0.300	0.300	11/12/2024	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	32.0	16.0	11/12/2024	ND	448	112	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 137 7' (H246845-62)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52		
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16		
Total BTEX	<0.300	0.300	11/12/2024	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	32.0	16.0	11/12/2024	ND	448	112	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 138 7' (H246845-63)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEX	<0.300	0.300	11/12/2024	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	16.0	16.0	11/12/2024	ND	448	112	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 140 7' (H246845-64)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2024	ND	1.96	98.0	2.00	1.52		
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16		
Total BTEX	<0.300	0.300	11/12/2024	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	32.0	16.0	11/12/2024	ND	448	112	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 141 7' (H246845-65)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52		
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16		
Total BTEX	<0.300	0.300	11/12/2024	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	32.0	16.0	11/12/2024	ND	448	112	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 142 7' (H246845-66)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTX	<0.300	0.300	11/12/2024	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	16.0	16.0	11/12/2024	ND	448	112	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 143 7' (H246845-67)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEX	<0.300	0.300	11/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/12/2024	ND	448	112	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 144 7' (H246845-68)**

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	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	11/12/2024	ND	448	112	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 145 7' (H246845-69)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2024	ND	1.96	98.0	2.00	1.52		
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16		
Total BTEx	<0.300	0.300	11/12/2024	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	48.0	16.0	11/12/2024	ND	448	112	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	11/11/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/11/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/11/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 146 7' (H246845-70)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEX	<0.300	0.300	11/12/2024	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	16.0	16.0	11/12/2024	ND	448	112	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	11/12/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 147 7' (H246845-71)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEX	<0.300	0.300	11/12/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/12/2024	ND	448	112	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	11/12/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 148 7' (H246845-72)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2024	ND	1.96	98.0	2.00	1.52		
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 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	32.0	16.0	11/12/2024	ND	448	112	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	11/12/2024	ND	202	101	200	1.84	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	202	101	200	3.87	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 84.0 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 149 7' (H246845-73)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.96	98.0	2.00	1.52	
Toluene*	<0.050	0.050	11/12/2024	ND	2.07	104	2.00	2.75	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	2.30	115	2.00	1.41	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	6.96	116	6.00	1.16	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	11/12/2024	ND	448	112	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 61.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.6 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 150 7' (H246845-74)**

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	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTX	<0.300	0.300	11/12/2024	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	11/12/2024	ND	448	112	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 151 7' (H246845-75)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTEX	<0.300	0.300	11/12/2024	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	32.0	16.0	11/12/2024	ND	448	112	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 152 7' (H246845-76)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTEX	<0.300	0.300	11/12/2024	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	32.0	16.0	11/12/2024	ND	448	112	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 153 7' (H246845-77)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTEX	<0.300	0.300	11/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/12/2024	ND	448	112	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 154 7' (H246845-78)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45		
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31		
Total BTEX	<0.300	0.300	11/12/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/12/2024	ND	448	112	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 155 7' (H246845-79)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTEX	<0.300	0.300	11/12/2024	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	32.0	16.0	11/12/2024	ND	448	112	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 156 7' (H246845-80)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTEX	<0.300	0.300	11/12/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/12/2024	ND	448	112	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 157 7' (H246845-81)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45		
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 158 7' (H246845-82)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 159 7' (H246845-83)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 160 7' (H246845-84)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 161 7' (H246845-85)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTEX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 162 7' (H246845-86)**

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	11/12/2024	ND	1.93	96.3	2.00	2.45	
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37	
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28	
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31	
Total BTX	<0.300	0.300	11/12/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 12 7' (H246845-87)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45		
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31		
Total BTEx	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 13 7' (H246845-88)**

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	11/12/2024	ND	1.93	96.3	2.00	2.45		
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31		
Total BTX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 14 7' (H246845-89)**

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	11/12/2024	ND	1.93	96.3	2.00	2.45		
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31		
Total BTX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: NSW - 15 7' (H246845-90)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45		
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31		
Total BTEx	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 7 7' (H246845-91)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45		
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31		
Total BTEX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 8 7' (H246845-92)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2024	ND	1.93	96.3	2.00	2.45		
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31		
Total BTEx	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	210	105	200	1.41	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	182	91.2	200	3.86	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: WSW - 9 7' (H246845-93)**

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	11/12/2024	ND	1.93	96.3	2.00	2.45		
Toluene*	<0.050	0.050	11/12/2024	ND	1.97	98.7	2.00	1.37		
Ethylbenzene*	<0.050	0.050	11/12/2024	ND	1.98	98.8	2.00	1.28		
Total Xylenes*	<0.150	0.150	11/12/2024	ND	5.88	98.0	6.00	1.31		
Total BTX	<0.300	0.300	11/12/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	195	97.3	200	0.785	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	181	90.6	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 112 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: SSW - 13 7' (H246845-94)**

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	11/13/2024	ND	1.94	96.9	2.00	4.26	
Toluene*	<0.050	0.050	11/13/2024	ND	2.00	100	2.00	4.01	
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.02	101	2.00	4.10	
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.00	100	6.00	4.21	
Total BTX	<0.300	0.300	11/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	11/12/2024	ND	384	96.0	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	11/12/2024	ND	195	97.3	200	0.785	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	181	90.6	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 113 % 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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: BACKFILL (H246845-95)**

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	11/13/2024	ND	1.94	96.9	2.00	4.26	
Toluene*	<0.050	0.050	11/13/2024	ND	2.00	100	2.00	4.01	
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.02	101	2.00	4.10	
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.00	100	6.00	4.21	
Total BTX	<0.300	0.300	11/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	224	16.0	11/12/2024	ND	384	96.0	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	11/12/2024	ND	195	97.3	200	0.785	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	181	90.6	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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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: 11/08/2024  
Reported: 11/14/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: B - 34 7 1/2' (H246845-96)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/13/2024	ND	1.94	96.9	2.00	4.26		
Toluene*	<0.050	0.050	11/13/2024	ND	2.00	100	2.00	4.01		
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.02	101	2.00	4.10		
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.00	100	6.00	4.21		
Total BTEX	<0.300	0.300	11/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	240	16.0	11/12/2024	ND	384	96.0	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	11/12/2024	ND	195	97.3	200	0.785	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	181	90.6	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

### Notes and Definitions

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

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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		<b>BILL TO</b>		ANALYSIS REQUEST																									
Project Manager: Chris Jones		P.O. #:																											
Address: 1601 N. Turner St., Ste 500		Company: SULTENISY																											
City: Hobbs		Attn:																											
Phone #: 575-964-7814		Address:																											
Fax #:		City:																											
Project #:		State:																											
Project Name: LAKEWOOD		Zip:																											
Project Location: Eddy County		Phone #:																											
Sampler Name: Francisco Robledo		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	
B-72 9'																													
B-78 9'																													
B-79 9'																													
B-86 9'																													
B-81 9'																													
B-82 9'																													
B-83 9'																													
B-84 9'																													
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B-98 9'																													
B-99 9'																													
B-100 9'																													
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 within 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.														Sample Condition		CHECKED BY:		REMARKS:											
Delivered By: (Circle One) -1.9.1) C.O.L. -2.5.1) C.O.L.		Cool		Intact		Yes		No		Add'l Phone #:		Fax Result:		Yes		No		Add'l Fax #:											
Sampler - UPS - Bus - Other:		No		Yes		No		No																					
Relinquished By: Feck		Date: 11-8-24		Time: 1608		Received By: Speedy		Date:		Time:																			
Relinquished By:		Date:		Time:		Received By:		Date:		Time:																			

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





### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**Company Name:** Paragon Environmental

**Project Manager:** Chris Jones

**Address:** 1601 N. Turner St., Ste 500

**City:** Hobbs **State:** NM **zip:** 88240

**Phone #:** 575-964-7814 **Fax #:**

**Project #:**

**Project Name:** 11

**Project Location:** 11

**Sample Name:** 11

FOR LAB USE ONLY

**101 East Marland, Hobbs, NM 88240**

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

---

**Lab I.D.**

**Sample I.D.**

**P.O. #:**

**Company:** 11

**Attn:**

**Address:**

**City:**

**State:** Zip:

**Phone #:**

**Fax #:**

---

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
21	B-97 9'	C								11/7		BTEX
22	B-98 9'											TPH EXT
23	B-99 9'											Chlorides
24	B-100 9'											
25	B-101 9'											
26	B-102 9'											
27	B-103 9'											
28	B-104 9'											
29	B-105 9'											
30	B-106 9'											

**Relinquished By:** *Tom C. L.*

**Date:** 11-8-24

**Time:** 1008

**Received By:** *Shedrick*

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**REMARKS:**

**Delivered By:** (Circle One) *-1.9:10.0-6*

**Sampler - UPS - Bus - Other:** *-2.52 #140*

**Sample Condition:** Cool ☒ Intact ☐

**CHECKED BY:** *SR*

**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		P.O. #:		BILL TO										ANALYSIS REQUEST																											
Project Manager: Chris Jones		Company: '1'																																							
Address: 1601 N. Turner St., Ste 500		Attn:																																							
City: Hobbs		Address:																																							
Phone #: 575-964-7814		City:																																							
Fax #:		State:																																							
Project #:		Zip:																																							
Project Name: '1'		Phone #:																																							
Project Location: '1'		Fax #:																																							
Sampler Name: '1'																																									
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													
H4U685		B-107		Q'		C																						11/7				TPH EXT									
33a		B-108		Q'																										BTEx											
33b		B-104		Q'																										Chlorides											
33c		B-110		Q'																																					
33d		B-111		Q'																																					
33e		B-112		Q'																																					
33f		B-113		Q'																																					
33g		B-114		Q'																																					
33h		B-115		Q'																																					
4d		B-116		Q'																																					
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising directly or indirectly from the use of the above stated reasons of otherwise 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 of otherwise service.</p>																																									
Relinquished By: <i>Fr-CL</i>		Date: <i>11-8-24</i>		Received By: <i>Steedkrieger</i>		Time: <i>11:08</i>		Sample Condition: <i>Intact</i>		CHECKED BY: <i>SYL</i>																															
Delivered By: (Circle One)		Fax Result: <i>Yes</i>		Add'l Phone #:																																					
Sampler - UPS - Bus - Other: <i>1910-0-0-0-0</i>		Fax Result: <i>Yes</i>		Add'l Fax #:																																					

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental  
Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM zip: 88240

Phone #: 575-964-7814 Fax #:

Project #: Project Owner:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

MATRIX

PRESERV

SAMPLING

Lab I.D.

Sample I.D.

HAU0845

41

42

43

44

45

46

47

48

B-117 9'

NSW-9 9'

NSW-10 9'

NSW-11 9'

NSW-3 9'

NSW-4 9'

NSW-5 9'

NSW-6 9'

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH EXT  
BTEX  
Chlorides

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Relinquished By:

Date: 11-8-84

Received By:

Relinquished By:

Date:

Received By:

Time:

Delivered By: (Circle One) 1. 9:00 AM

Sampler - UPS - Bus - Other: 2. 5:00 PM #140

Sample Condition  
Cool ☒ Intact  
Pres ☒ Yes  
No ☐ No

CHECKED BY: (Initials)  
8/2

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																																					
Project Manager: Chris Jones		Company: 11		ANALYSIS REQUEST																																					
Address: 1601 N. Turner St., Ste 500		Attn:																																							
City: Hobbs		Address:																																							
Phone #: 575-964-7814		City:																																							
Fax #: 575-964-7814		State:																																							
Project #: 11		Zip:																																							
Project Name: 11		Phone #:																																							
Project Location: 11		Fax #:																																							
Sampler Name: 11		DATE																																							
FOR LAB USE ONLY		TIME																																							
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											
49		B-123 71		117		117		117		117		117		117		117		117		117		117		117		117		117		117											
50		B-124 71		117		117		117		117		117		117		117		117		117		117		117		117		117		117											
51		B-125 71		117		117		117		117		117		117		117		117		117		117		117		117		117		117											
52		B-126 71		117		117		117		117		117		117		117		117		117		117		117		117		117		117											
53		B-127 71		117		117		117		117		117		117		117		117		117		117		117		117		117		117											
54		B-129 71		117		117		117		117		117		117		117		117		117		117		117		117		117		117											
55		B-130 71		117		117		117		117		117		117		117		117		117		117		117		117		117		117											
56		B-131 71		117		117		117		117		117		117		117		117		117		117		117		117		117		117											
57		B-132 71		117		117		117		117		117		117		117		117		117		117		117		117		117		117											
58		B-133 71		117		117		117		117		117		117		117		117		117		117		117		117		117		117											
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Relinquished By: <i>For 912</i>		Date: 11-8-24		Time: 11:08		Received By: <i>Stocking</i>		Date: 11-8-24		Time: 11:08		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:																							
Delivered By: (Circle One) <i>11-912</i>		Sample Condition		Cool		Intact		Checked BY: <i>SP</i>		Initials																															
Sampler - UPS - Bus - Other: <i>11-912</i>		Sample Condition		Cool		Intact		Checked BY: <i>SP</i>		Initials																															

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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										ANALYSIS REQUEST									
Project Manager: Chris Jones		Company: 11																					
Address: 1601 N. Turner St., Ste 500		Attn:																					
City: Hobbs		Address:																					
Phone #: 575-964-7814		City:																					
Fax #: 575-964-7814		State:																					
Project #: 11		Zip:																					
Project Name: 11		Phone #:																					
Project Location: 11		Fax #:																					
Sampler Name: 11		P.O. #:																					
FOR LAB USE ONLY		Company:																					
Lab I.D.		Sample I.D.																					
Hobbs 45		B-134 71																					
B-135 71																							
B-136 71																							
B-137 71																							
B-138 71																							
B-140 71																							
B-141 71																							
B-142 71																							
B-143 71																							
B-144 71																							
DATE																							
TIME																							
TPH EXT																							
BTEX																							
Chlorides																							
REMARKS:																							
Relinquished By: <i>TLH</i>																							
Date: 11-8-24																							
Time: 11:08																							
Received By: <i>Speedier</i>																							
Date: 11-8-24																							
Time: 11:08																							
Delivered By: (Circle One) 1. 9. 20. 0. 0. 1.																							
Sampler - UPS - Bus - Other: 2. 5. 140																							
Sample Condition: Cool Intact																							
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																							
Checked By: <i>SK</i>																							

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





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM Zip: 88240

Phone #: 575-964-7814 Fax #:

Project #: Project Owner: \

Project Name: \ State: Zip:

Project Location: \ Phone #:

Sampler Name: \ Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

HALLIBUS

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(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE 11/7

TIME

TPH EXT

BTEX

Chlorides

Relinquished By:

Date: 11-8-24

Received By:

Speeding

Phone Result:

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Relinquished By:

Date: 11-8-24

Received By:

Speeding

Phone Result:

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Delivered By: (Circle One)

11-9-24

Sample Condition

CHECKED BY:

Phone Result:

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Sampler - UPS - Bus - Other:

11-9-24

Sample Condition

CHECKED BY:

Phone Result:

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

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: Chris Jones  
Address: 1601 N. Turner St., Ste 500  
City: Hobbs  
Phone #: 575-964-7814  
Fax #: 575-964-7814  
State: NM zip: 88240  
Project #: 11  
Project Name: 11  
Project Location: 11  
Sampler Name: 11

P.O. #:

Company: 11

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Hobbs

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112

113

114

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(G)RAB OR (C)OMP

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH EXT

BTEX

Chlorides

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

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Relinquished By:

Date: 11-8-24

Received By:

SPedriguey

Relinquished By:

Date: 11-8-24

Received By:

SPedriguey

Delivered By: (Circle One)

-1-9-10-0-0-0-0-

Sample Condition

CHECKED BY:

Sampler - UPS - Bus - Other:

-2-5-1-#140

Cool Intact

(Initials)

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



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

---

November 15, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: LAKEWOOD

Enclosed are the results of analyses for samples received by the laboratory on 11/11/24 9:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". 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: 11/11/2024  
Reported: 11/15/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: B - 118 9' (H246850-01)**

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	11/13/2024	ND	2.17	109	2.00	4.53		
Toluene*	<0.050	0.050	11/13/2024	ND	2.24	112	2.00	3.93		
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.18	109	2.00	3.72		
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.92	115	6.00	2.85		
Total BTEX	<0.300	0.300	11/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/13/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2024	ND	212	106	200	2.56	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	213	107	200	0.0141	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/11/2024  
Reported: 11/15/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: B - 119 9' (H246850-02)**

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	11/13/2024	ND	2.17	109	2.00	4.53		
Toluene*	<0.050	0.050	11/13/2024	ND	2.24	112	2.00	3.93		
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.18	109	2.00	3.72		
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.92	115	6.00	2.85		
Total BTEX	<0.300	0.300	11/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/13/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2024	ND	212	106	200	2.56	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	213	107	200	0.0141	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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: 11/11/2024  
Reported: 11/15/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: B - 120 9' (H246850-03)**

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	11/13/2024	ND	2.17	109	2.00	4.53		
Toluene*	<0.050	0.050	11/13/2024	ND	2.24	112	2.00	3.93		
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.18	109	2.00	3.72		
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.92	115	6.00	2.85		
Total BTEX	<0.300	0.300	11/13/2024	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	96.0	16.0	11/13/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2024	ND	212	106	200	2.56	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	213	107	200	0.0141	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 11/11/2024  
Reported: 11/15/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: B - 121 9' (H246850-04)**

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	11/13/2024	ND	2.17	109	2.00	4.53		
Toluene*	<0.050	0.050	11/13/2024	ND	2.24	112	2.00	3.93		
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.18	109	2.00	3.72		
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.92	115	6.00	2.85		
Total BTEX	<0.300	0.300	11/13/2024	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	112	16.0	11/13/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2024	ND	212	106	200	2.56	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	213	107	200	0.0141	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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: 11/11/2024  
Reported: 11/15/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: B - 122 9' (H246850-05)**

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	11/13/2024	ND	2.17	109	2.00	4.53	
Toluene*	<0.050	0.050	11/13/2024	ND	2.24	112	2.00	3.93	
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.18	109	2.00	3.72	
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.92	115	6.00	2.85	
Total BTEX	<0.300	0.300	11/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/13/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2024	ND	212	106	200	2.56	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	213	107	200	0.0141	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 107 % 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: 11/11/2024  
Reported: 11/15/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: B - 128 7' (H246850-06)**

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	11/13/2024	ND	2.17	109	2.00	4.53	
Toluene*	<0.050	0.050	11/13/2024	ND	2.24	112	2.00	3.93	
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.18	109	2.00	3.72	
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.92	115	6.00	2.85	
Total BTEX	<0.300	0.300	11/13/2024	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	32.0	16.0	11/13/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2024	ND	212	106	200	2.56	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	213	107	200	0.0141	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 110 % 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: 11/11/2024  
Reported: 11/15/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: B - 139 7' (H246850-07)**

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	11/13/2024	ND	2.17	109	2.00	4.53	
Toluene*	<0.050	0.050	11/13/2024	ND	2.24	112	2.00	3.93	
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.18	109	2.00	3.72	
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.92	115	6.00	2.85	
Total BTEX	<0.300	0.300	11/13/2024	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	32.0	16.0	11/13/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2024	ND	212	106	200	2.56	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	213	107	200	0.0141	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 11/11/2024  
Reported: 11/15/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SSW - 10 9' (H246850-08)**

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	11/13/2024	ND	2.17	109	2.00	4.53	
Toluene*	<0.050	0.050	11/13/2024	ND	2.24	112	2.00	3.93	
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.18	109	2.00	3.72	
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.92	115	6.00	2.85	
Total BTX	<0.300	0.300	11/13/2024	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	128	16.0	11/13/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2024	ND	212	106	200	2.56	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	213	107	200	0.0141	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 109 % 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: 11/11/2024  
Reported: 11/15/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SSW - 11 9' (H246850-09)**

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	11/13/2024	ND	2.17	109	2.00	4.53		
Toluene*	<0.050	0.050	11/13/2024	ND	2.24	112	2.00	3.93		
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.18	109	2.00	3.72		
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.92	115	6.00	2.85		
Total BTX	<0.300	0.300	11/13/2024	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	32.0	16.0	11/13/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2024	ND	212	106	200	2.56	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	213	107	200	0.0141	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 108 % 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: 11/11/2024  
Reported: 11/15/2024  
Project Name: LAKEWOOD  
Project Number: SPUR ENERGY  
Project Location: EDDY COUNTY

Sampling Date: 11/07/2024  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Tamara Oldaker

**Sample ID: SSW - 12 9' (H246850-10)**

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	11/13/2024	ND	2.17	109	2.00	4.53		
Toluene*	<0.050	0.050	11/13/2024	ND	2.24	112	2.00	3.93		
Ethylbenzene*	<0.050	0.050	11/13/2024	ND	2.18	109	2.00	3.72		
Total Xylenes*	<0.150	0.150	11/13/2024	ND	6.92	115	6.00	2.85		
Total BTX	<0.300	0.300	11/13/2024	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	11/13/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2024	ND	200	100	200	3.91	
DRO >C10-C28*	<10.0	10.0	11/12/2024	ND	178	89.0	200	4.23	
EXT DRO >C28-C36	<10.0	10.0	11/12/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 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: Steve Ensey					
Address: 1601 N. Turner St., Ste 500		Attn:					
City: Hobbs		Address:					
Phone #: 575-964-7814		City:					
Fax #: 575-964-7814		State:					
Project #:		Zip:					
Project Name: Lakeview		Phone #:					
Project Location: City Center		Fax #:					
Sampler Name: Francisco Lealade		DATE					
FOR LAB USE ONLY		TIME					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL
H246880	B-118 9'						
1	B-114 9'						
2	B-120 9'						
3	B-121 9'						
4	B-122 9'						
5	B-128 7'						
6	B-134 7'						
7	SSW-10 9'						
8	SSW-11 9'						
9	SSW-12 9'						
10							
DATE: 11-16-24		RECEIVED BY: [Signature]		CHECKED BY: [Signature]		REMARKS:	
DELIVERED BY: (Circle One) CF-O.G. #140		SAMPLE CONDITION: Cool Intact		YES		NO	
SAMPLER - UPS - BUS - OTHER: -1.9c/-8.5c		YES		NO		NO	
CARDINAL CANNOT ACCEPT VERBAL CHANGES. PLEASE FAX WRITTEN CHANGES TO (575) 393-2326		YES		NO		NO	

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 461858

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 461858
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2422957740
Incident Name	NAPP2422957740 LAKEWOOD SWD #1 @ 30-015-40717
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-40717] LAKEWOOD SWD #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	LAKEWOOD SWD #1
Date Release Discovered	08/16/2024
Surface Owner	Private

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: 348 BBL   Recovered: 40 BBL   Lost: 308 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)	HIGH LINE PRESSURE CAUSED A FLOW LINE TO RUPTURE AND RELEASE PRODUCED WATER INTO THE PASTURE

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QUESTIONS, Page 2

Action 461858

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 461858
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
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: 08/19/2024
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QUESTIONS, Page 3

Action 461858

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 461858
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
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 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 200 and 300 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Zero feet, overlying, or within area
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)	672
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	10/07/2024
On what date will (or did) the final sampling or liner inspection occur	11/07/2024
On what date will (or was) the remediation complete(d)	11/15/2024
What is the estimated surface area (in square feet) that will be reclaimed	64800
What is the estimated volume (in cubic yards) that will be reclaimed	18900
What is the estimated surface area (in square feet) that will be remediated	64800
What is the estimated volume (in cubic yards) that will be remediated	18900

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 461858

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 461858
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<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>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 05/14/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5  
  
Action 461858

QUESTIONS (continued)

Operator:  Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:  328947
	Action Number:  461858
	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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Action 461858

**QUESTIONS (continued)**

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 461858
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	399619
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/07/2024
What was the (estimated) number of samples that were to be gathered	160
What was the sampling surface area in square feet	26000

**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	64800
What was the total volume (cubic yards) remediated	18900
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	64800
What was the total volume (in cubic yards) reclaimed	18900
Summarize any additional remediation activities not included by answers (above)	CONTAMINATED SOIL WAS REMOVED TO MEET THE MOST STRINGENT CRITERIA SET FORTH BY NMOC. A VARIANCE FOR CONFIRMATION SAMPLING WAS GRANTED AND IS INCLUDED IN THE ATTACHED DOCUMENT.

*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: <a href="mailto:katherine.purvis@spurenergy.com">katherine.purvis@spurenergy.com</a> Date: 05/14/2025
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Action 461858

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 461858
	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 461858

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 461858
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	7/18/2025