



October 8th, 2025

NMOCD District 2
Mr. Mike Bratcher
Artesia, NM 88210

Bureau of Land Management
Ms. Crisha Morgan
620 East Green Street
Carlsbad, NM 88220

Re: Site Assessment, Remediation, and Closure Request
Batman CTB 1
API # N/A
GPS: Latitude 32.576578 Longitude - 103.602642
U/L "F," Sec. 18, T20S, R34E
Lea County, NM
NMOCD Ref. No. NAPP2504336953

Paragon Environmental, LLC (Paragon) has been contracted by Permian Resources (Permian) to perform remediation activities for the Release Site known as the Batman CTB 1 (Batman). Details of the release are summarized below:

Release Details			
Type of Release:	Produced Water	Volume of Release:	165 bbls
		Volume Recovered:	40 bbls
Source of Release:	Equipment Failure	Date of Release:	2/12/25
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	NMOCD Portal
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	Private	Mineral Owner:	
An equipment failure caused the riser to spill produced water into the pasture			

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

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Eolian and piedmont deposits (Holocene to middle Pleistocene)—Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits (QEP). The soil in this area is made up of Pyote and Maljamar Fine Sands, with 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage course in this area is 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 & SOIL SAMPLING EVENT

On the 4th and 10th of March 2025, Diamondback went to the Batman and conducted an initial site assessment and obtained soil samples. During the initial site assessments, six (6) soil samples were collected in the spill zone, labeled SP, and 11 horizontal samples were collected outside the spill zone, labeled H. During the process of obtaining these samples, they were field tested in an effort to determine the vertical and horizontal extent of soil impact. A table summarizing the titration results from the soil samples collected during the above-stated activities is provided below:

Laboratory Results

Batman CTB - rAPP2504336953 Vertical Samples													
SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C20 (mg/kg)	EXT DRO C20-C30 (mg/kg)	TOTAL TPH C6-C30 (mg/kg)	CHLORIDE
SP1	H251284-01	Surface	3/4/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	4160
SP1	H251284-02	4"	3/4/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	8500
SP2	H251449-01	Surface	3/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
SP2	H251449-02	4"	3/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	3730
SP3	H251449-03	Surface	3/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
SP3	H251449-04	1"	3/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
SP4	H251449-05	Surface	3/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
SP4	H251449-06	1"	3/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
SP5	H251449-07	Surface	3/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2280
SP5	H251449-08	2"	3/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80
SP6	H251449-09	Surface	3/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.9	<10.0	11.9	8400
SP6	H251449-10	1"	3/11/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
Batman CTB - rAPP2504336953 Horizontal Samples													
SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	BENZENE	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	TOTAL BTEX (mg/kg)	GRO C6-C10 (mg/kg)	DRO C10-C20 (mg/kg)	EXT DRO C20-C30 (mg/kg)	TOTAL TPH C6-C30 (mg/kg)	CHLORIDE
H1	H251406-01	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
H2	H251406-02	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H3	H251406-03	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
H4	H251406-04	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
H5	H251406-05	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
H6	H251406-06	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
H7	H251406-07	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16
H8	H251406-08	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
H9	H251406-09	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48
H10	H251406-10	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32
H11	H251406-11	Surface	3/10/25	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32

PHASE I REMEDIATION ACTIVITIES

Based on the analytical results, site characteristics, and field observations made during the site assessment, Paragon performed the following remedial activities:

- Utilizing mechanical equipment, starting on 04-08-2025, we began excavating the impacted soils that were above the NMOCD Closure Criteria to depths ranging from 1-4 feet BGS. See Confirmation Sample Map for the below areas of excavation and different depths, map is attached in Figure 5.
 - The areas of SP-1 and SP-2 were excavated to a depth of 4 feet BGS. Together, they were approximately 6750 s/f and 1000 cubic yards.
 - The area of SP-5 was excavated to a depth of 2 feet BGS. It was approximately 5500 s/f and 410 yards.
 - The area of SP-6 was excavated to a depth of 1 foot BGS. It was approximately 3600 s/f and 135 yards.
 - The excavated areas combined to a total of approximately 15,850 s/f and 1545 yards.
- A confirmation soil sampling event in accordance with 19.15.19.12 NMAC was conducted, giving the OCD a 48-hour notification. The results of said soil sampling event are in the following data table:

4-21-25 Confirmation Laboratory Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 04-21-25	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S - 1 4'	ND	ND	ND	ND	ND	ND	128
S - 2 4'	ND	ND	ND	ND	ND	ND	432
S - 3 4'	ND	ND	ND	ND	ND	ND	464
S - 4 4'	ND	ND	ND	ND	ND	ND	624
S - 5 4'	ND	ND	ND	ND	ND	ND	240
S - 6 4'	ND	ND	ND	ND	ND	ND	496
S - 7 4'	ND	ND	ND	ND	ND	ND	592
S - 8 4'	ND	ND	ND	ND	ND	ND	688
S - 9 4'	ND	ND	ND	ND	ND	ND	576
S - 10 4'	ND	ND	ND	ND	ND	ND	576
S - 11 4'	ND	ND	ND	ND	ND	ND	352
S - 12 4'	ND	ND	ND	ND	ND	ND	96
S - 13 4'	ND	ND	ND	ND	ND	ND	240
S - 14 4'	ND	ND	ND	ND	ND	ND	256
S - 15 4'	ND	ND	ND	ND	ND	ND	224
S - 16 4'	ND	ND	ND	ND	ND	ND	176
S - 17 4'	ND	ND	ND	ND	ND	ND	272
S - 18 4'	ND	ND	ND	ND	ND	ND	192
S - 19 4'	ND	ND	ND	ND	ND	ND	144
S - 20 4'	ND	ND	ND	ND	ND	ND	128
S - 21 4'	ND	ND	ND	ND	ND	ND	3600
S - 22 4'	ND	ND	ND	ND	ND	ND	3280
S - 23 4'	ND	ND	ND	ND	ND	ND	4440
S - 24 4'	ND	ND	ND	ND	ND	ND	3520
S - 25 4'	ND	ND	ND	ND	ND	ND	3760
S - 26 4'	ND	ND	ND	ND	ND	ND	3640
S - 27 4'	ND	ND	ND	ND	ND	ND	3680
S - 28 4'	ND	ND	ND	ND	ND	ND	4120
S - 29 4'	ND	ND	ND	ND	ND	ND	576
S - 30 4'	ND	ND	ND	ND	ND	ND	3840
S - 31 4'	ND	ND	ND	ND	ND	ND	ND
S - 32 4'	ND	ND	ND	ND	ND	ND	ND
S - 33 4'	ND	ND	ND	ND	ND	ND	ND
S - 34 4'	ND	ND	ND	ND	ND	ND	ND
S - 35 2'	ND	ND	ND	ND	ND	ND	224
S - 36 2'	ND	ND	ND	ND	ND	ND	320
S - 37 2'	ND	ND	ND	ND	ND	ND	224
S - 38 2'	ND	ND	ND	ND	ND	ND	240
S - 39 2'	ND	ND	ND	ND	ND	ND	4560

S - 40 2'	ND	ND	ND	ND	ND	ND	48
S - 41 2'	ND	ND	ND	ND	ND	ND	2320
S - 42 2'	ND	ND	ND	ND	ND	ND	2240
S - 43 2'	ND	ND	ND	ND	ND	ND	2720
S - 44 2'	ND	ND	ND	ND	ND	ND	1650
S - 45 2'	ND	ND	ND	ND	ND	ND	1520
S - 46 2'	ND	ND	ND	ND	ND	ND	1840
S - 47 2'	ND	ND	ND	ND	ND	ND	1480
S - 48 2'	ND	ND	ND	ND	ND	ND	1470
S - 49 2'	ND	ND	ND	ND	ND	ND	1650
S - 50 2'	ND	ND	ND	ND	ND	ND	1880
S - 51 2'	ND	ND	ND	25.9	ND	25.9	2560
S - 52 2'	ND	ND	ND	ND	ND	ND	2760
S - 53 2'	ND	ND	ND	ND	ND	ND	2280
S - 54 2'	ND	ND	ND	ND	ND	ND	2560
S - 55 2'	ND	ND	ND	ND	ND	ND	2400
S - 56 2'	ND	ND	ND	ND	ND	ND	176
S - 57 2'	ND	ND	ND	ND	ND	ND	208
S - 58 2'	ND	ND	ND	ND	ND	ND	128
S - 59 2'	ND	ND	ND	ND	ND	ND	208
S - 60 2'	ND	ND	ND	ND	ND	ND	176
S - 61 2'	ND	ND	ND	ND	ND	ND	320
S - 62 2'	ND	ND	ND	ND	ND	ND	2530
S - 63 1'	ND	ND	ND	ND	ND	ND	3040
S - 64 1'	ND	ND	ND	ND	ND	ND	3000
S - 65 1'	ND	ND	ND	ND	ND	ND	2720
S - 66 1'	ND	ND	ND	ND	ND	ND	3080
S - 67 1'	ND	ND	ND	ND	ND	ND	2840
S - 68 1'	ND	ND	ND	ND	ND	ND	2800
S - 69 1'	ND	ND	ND	16.8	ND	16.8	2680
S - 70 1'	ND	ND	ND	10.4	ND	10.4	2960
S - 71 1'	ND	ND	ND	ND	ND	ND	3120
S - 72 1'	ND	ND	ND	138	34	172	2720
S - 73 1'	ND	ND	ND	22.1	ND	22.1	176
S - 74 1'	ND	ND	ND	ND	ND	ND	80
S - 75 1'	ND	ND	ND	29.5	ND	29.5	176
S - 76 1'	ND	ND	ND	19.3	ND	19.3	192
S - 77 1'	ND	ND	ND	41.4	ND	41.4	224
S - 78 1'	ND	ND	ND	24.7	ND	24.7	176
S - 79 1'	ND	ND	ND	15.4	ND	15.4	128
S - 80 1'	ND	ND	ND	19.8	ND	19.8	256

ESW - 1 4'	ND	ND	ND	ND	ND	ND	ND
SSW - 2 4'	ND	ND	ND	ND	ND	ND	16
SSW - 3 4'	ND	ND	ND	ND	ND	ND	ND
SSW - 4 4'	ND	ND	ND	ND	ND	ND	ND
SSW - 5 4'	ND	ND	ND	ND	ND	ND	ND
SSW - 6 4'	ND	ND	ND	ND	ND	ND	ND
SSW - 7 4'	ND	ND	ND	ND	ND	ND	16
WSW - 8 4'	ND	ND	ND	ND	ND	ND	16
NSW - 9 4'	ND	ND	ND	ND	ND	ND	16
NSW - 10 4'	ND	ND	ND	ND	ND	ND	ND
NSW - 11 4'	ND	ND	ND	ND	ND	ND	ND
NSW - 12 4'	ND	ND	ND	ND	ND	ND	ND
NSW - 13 4'	ND	ND	ND	ND	ND	ND	ND
NSW - 14 4'	ND	ND	ND	ND	ND	ND	ND
WSW - 15 2'	ND	ND	ND	ND	ND	ND	ND
WSW - 16 2'	ND	ND	ND	ND	ND	ND	ND
WSW - 17 2'	ND	ND	ND	ND	ND	ND	ND
NSW - 18 2'	ND	ND	ND	ND	ND	ND	ND
NSW - 19 2'	ND	ND	ND	ND	ND	ND	ND
NSW - 20 2'	ND	ND	ND	ND	ND	ND	ND
ESW - 21 2'	ND	ND	ND	ND	ND	ND	32
SSW - 22 2'	ND	ND	ND	ND	ND	ND	ND
WSW - 23 2'	ND	ND	ND	ND	ND	ND	ND
NSW - 24 1'	ND	ND	ND	ND	ND	ND	ND
NSW - 25 1'	ND	ND	ND	ND	ND	ND	ND
NSW - 26 1'	ND	ND	ND	ND	ND	ND	ND
ESW - 27 1'	ND	ND	ND	ND	ND	ND	ND
ESW - 28 1'	ND	ND	ND	ND	ND	ND	ND
ESW - 29 1'	ND	ND	ND	ND	ND	ND	ND
ESW - 30 1'	ND	ND	ND	ND	ND	ND	ND

(ND) – Analyte Not Detected
Lab Data attached in Appendix C

PHASE II REMEDIATION ACTIVITIES

There is water data from POD 00750 that is 0.47 mi from the Batman location that shows water below 320 ft BGS drilled on 06-20-1990. There is also a well that was drilled on 11-21-2024 at .68 mi from the Batman location that shows groundwater is below 105 ft BGS. Based on the spill rule NMAC 19.15.29.10, Section A, Subsection 2, stating “The responsible party must determine the depth to ground water where the release occurred. If the exact depth to ground water is unknown, the responsible party must provide a reasonable determination of probable ground water depth using data generated by numeric models, cathodic well lithology, water well data, published information or other tools as approved by the appropriate division district office. If the responsible party uses water well data, the responsible party must provide all pertinent well information” we believe there is sufficient reason to allow us closure criteria of >100’ per the Table 1 Closure Criteria. Refer to Appendix A for referenced water data. Paragon conducted the following remedial activities to advance the Release Site towards an NMOCD and BLM-approved closure:

- Utilizing mechanical equipment, we excavated the impacted soils to a depth of 4 feet BGS starting on the date of . We began this portion on 5-26-25. See Phase II Excavation Map for the below areas of the additional portion of the excavation and it's different depths, map is attached in Figure 6.
 - The areas of S-39, S-41 through S-55, and S-62 were excavated an additional 2 feet, to a depth of 4 feet BGS. This came to approximately 5500 s/f and 410 cubic yards.
 - The areas of S-63 through S-72 were excavated an additional 3 feet, to a depth of 4 feet BGS. This came to approximately 1600 s/f and 177 cubic yards.
 - The Phase II excavation areas combined to a total of approximately 7100 s/f and 587 yards.
 - The total remediated area remained the same at 15,850 s/f ,while the remediated volume increased from 1545 to 2132 cubic yards.
- See Distance to POD Map for the exact distances to the referenced PODs, map is attached in Figure 7. Photographic documentation of the excavation can be found in Appendix C.
- We performed 2 sampling events during Phase II of the excavation. The first was a confirmation soil sampling event conducted in accordance with 19.15.19.12 NMAC, giving the OCD a 48-hour notification. The second was a non-confirmation delineation to determine where the spills vertical footprint cleaned up to be within the <50' BGS standards outlined by the Table I of 19.15.29.12 NMAC. The results of said soil sampling events are in the following data tables:

6-3-25 Confirmation Laboratory Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 06-03-25	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S - 39 4'	ND	ND	ND	ND	ND	ND	16
S - 41 4'	ND	ND	ND	ND	ND	ND	ND
S - 42 4'	ND	ND	ND	ND	ND	ND	32
S - 43 4'	ND	ND	ND	ND	ND	ND	ND
S - 44 4'	ND	ND	ND	ND	ND	ND	ND
S - 45 4'	ND	ND	ND	ND	ND	ND	320
S - 46 4'	ND	ND	ND	ND	ND	ND	32
S - 47 4'	ND	ND	ND	ND	ND	ND	64
S - 48 4'	ND	ND	ND	ND	ND	ND	ND
S - 49 4'	ND	ND	ND	ND	ND	ND	ND
S - 50 4'	ND	ND	ND	ND	ND	ND	ND
S - 51 4'	ND	ND	ND	ND	ND	ND	32
S - 52 4'	ND	ND	ND	ND	ND	ND	64
S - 53 4'	ND	ND	ND	ND	ND	ND	48
S - 54 4'	ND	ND	ND	ND	ND	ND	64
S - 55 4'	ND	ND	ND	ND	ND	ND	ND
S - 62 4'	ND	ND	ND	ND	ND	ND	32
S - 63 4'	ND	ND	ND	ND	ND	ND	32
S - 64 4'	ND	ND	ND	ND	ND	ND	480
S - 65 4'	ND	ND	ND	ND	ND	ND	192
S - 66 4'	ND	ND	ND	28.6	ND	28.6	496
S - 67 4'	ND	ND	ND	ND	ND	ND	1040
S - 68 4'	ND	ND	ND	ND	ND	ND	144
S - 69 4'	ND	ND	ND	ND	ND	ND	160
S - 70 4'	ND	ND	ND	ND	ND	ND	576
S - 71 4'	ND	ND	ND	ND	ND	ND	544
S - 72 4'	ND	ND	ND	ND	ND	ND	48

6-4-25 Soil Sampling Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')							
Sample Date 06-04-25	Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S - 4 10'	ND	ND	ND	ND	ND	ND	48
S - 8 10'	ND	ND	ND	ND	ND	ND	ND
S - 21 10'	ND	ND	ND	ND	ND	ND	32
S - 22 10'	ND	ND	ND	ND	ND	ND	32
S - 23 10'	ND	ND	ND	ND	ND	ND	ND
S - 24 10'	ND	ND	ND	ND	ND	ND	32
S - 25 10'	ND	ND	ND	ND	ND	ND	32
S - 26 10'	ND	ND	ND	ND	ND	ND	16
S - 27 10'	ND	ND	ND	ND	ND	ND	16
S - 28 10'	ND	ND	ND	ND	ND	ND	32
S - 30 9'	ND	ND	ND	ND	ND	ND	16
S - 39 10'	ND	ND	ND	ND	ND	ND	80
S - 41 10'	ND	ND	ND	ND	ND	ND	96
S - 42 10'	ND	ND	ND	ND	ND	ND	64
S - 43 10'	ND	ND	ND	ND	ND	ND	80
S - 44 10'	ND	ND	ND	ND	ND	ND	80
S - 45 10'	ND	ND	ND	ND	ND	ND	32
S - 46 10'	ND	ND	ND	ND	ND	ND	80
S - 47 10'	ND	ND	ND	ND	ND	ND	80
S - 48 10'	ND	ND	ND	ND	ND	ND	96
S - 49 10'	ND	ND	ND	ND	ND	ND	96
S - 50 10'	ND	ND	ND	ND	ND	ND	80
S - 51 10'	ND	ND	ND	ND	ND	ND	48
S - 52 10'	ND	ND	ND	ND	ND	ND	80
S - 53 10'	ND	ND	ND	ND	ND	ND	64
S - 54 10'	ND	ND	ND	ND	ND	ND	64
S - 55 10'	ND	ND	ND	ND	ND	ND	80
S - 62 7'	ND	ND	ND	ND	ND	ND	32
S - 63 7'	ND	ND	ND	ND	ND	ND	16
S - 64 7'	ND	ND	ND	ND	ND	ND	96
S - 65 7'	ND	ND	ND	ND	ND	ND	112
S - 66 7'	ND	ND	ND	ND	ND	ND	16
S - 67 8'	ND	ND	ND	ND	ND	ND	16
S - 68 8'	ND	ND	ND	ND	ND	ND	32
S - 69 8'	ND	ND	ND	ND	ND	ND	32
S - 70 8'	ND	ND	ND	ND	ND	ND	32
S - 71 8'	ND	ND	ND	ND	ND	ND	32
S - 72 7'	ND	ND	ND	ND	ND	ND	32

ND - Analyte Not Detected

- For the previously stated activities, we submitted to the NMOCD a Work Plan to see if these actions would be sufficient for closure. Please refer to Appendix C for the Work Plan Approval.
- The OCD summary states "The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. All sidewall samples should be taken from the sidewall of the excavation. Please make sure that the edge of the release extent is accurately defined. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please collect confirmation samples, representing no more than 200 ft². All off-pad areas must meet reclamation standards in the OCD Spill Rule. The work will need to be completed in 90 days after the report has been reviewed."
- To be in compliance with the conditions the NMOCD had placed on our work plan, on the date of 8-4-25 we went out and took extra confirmation samples from the areas where we took the depth from 2' down to 4'. The results of said soil sampling event are in the following data table:

8-4-25 Confirmation Laboratory Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')							
Sample Date 08-04-25	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
WSW - 15 4'	ND	ND	ND	ND	ND	ND	16
WSW - 16 4'	ND	ND	ND	ND	ND	ND	ND
WSW - 17 4'	ND	ND	ND	ND	ND	ND	ND
NSW - 18 4'	ND	ND	ND	ND	ND	ND	ND
NSW - 19 4'	ND	ND	ND	ND	ND	ND	ND
NSW - 20 4'	ND	ND	ND	ND	ND	ND	ND
ESW - 21 4'	ND	ND	ND	ND	ND	ND	ND
SSW - 22 4'	ND	ND	ND	ND	ND	ND	ND
WSW - 23 4'	ND	ND	ND	ND	ND	ND	ND
NSW - 24 4'	ND	ND	ND	ND	ND	ND	32
NSW - 25 4'	ND	ND	ND	ND	ND	ND	16
NSW - 26 4'	ND	ND	ND	ND	ND	ND	16
ESW - 27 4'	ND	ND	ND	ND	ND	ND	16
ESW - 28 4'	ND	ND	ND	ND	ND	ND	16
ESW - 29 4'	ND	ND	ND	ND	ND	ND	ND
ESW - 30 4'	ND	ND	ND	ND	ND	ND	32

These laboratory analytical results showed that the confirmation soil samples were below NMOCD Closure Criteria. The excavated soils were loaded into trucks and transported to Lea Land, an NMOCD-approved waste disposal facility. After receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with “like” material from a local sand pit on October 3rd. The affected area was then contoured and machine-compacted to match the surrounding grade. Please refer to the following data table to see that the backfill is within closure criteria.:

9-22-25 Confirmation Laboratory Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is >100')							
Sample Date 09-22-25	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
Backfill #1	ND	ND	ND	ND	ND	ND	32

If you have any questions or need any additional information, please feel free to contact Chris Jones by phone or email.

Respectfully,



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Tristan Jones
Project Manager
Paragon Environmental, LLC

Attachments

Figures:

- 1- Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Wetlands Map
- 5- Confirmation Sample Map
- 6- Phase II Excavation Map
- 7- Distance to POD Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and FEMA Flood Map
- Appendix C - Photographic Documentation, NMOCD Sample Notification
- Appendix D - Laboratory Results



Figures:

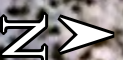
- 1-Site Map
- 2- TOPO Map
- 3- Karst Map
- 4- Wetlands Map
- 5- Confirmation Sample Map
- 6- Phase II Excavation Map
- 7- Distance to POD Map

Batman 1 CTB
API # N/A
Lea County, NM
Site Map

Legend

- Batman CTB 1 32.57707, -103.60237
- SP1 & SP2 4' Area / 6750 SF / 1000 CY
- SP5 2' Area / 5500 SF / 410 CY
- SP6 1' Area / 3600 SF / 135 CY

Batman CTB 1 32.57707, -103.60237

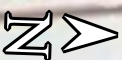
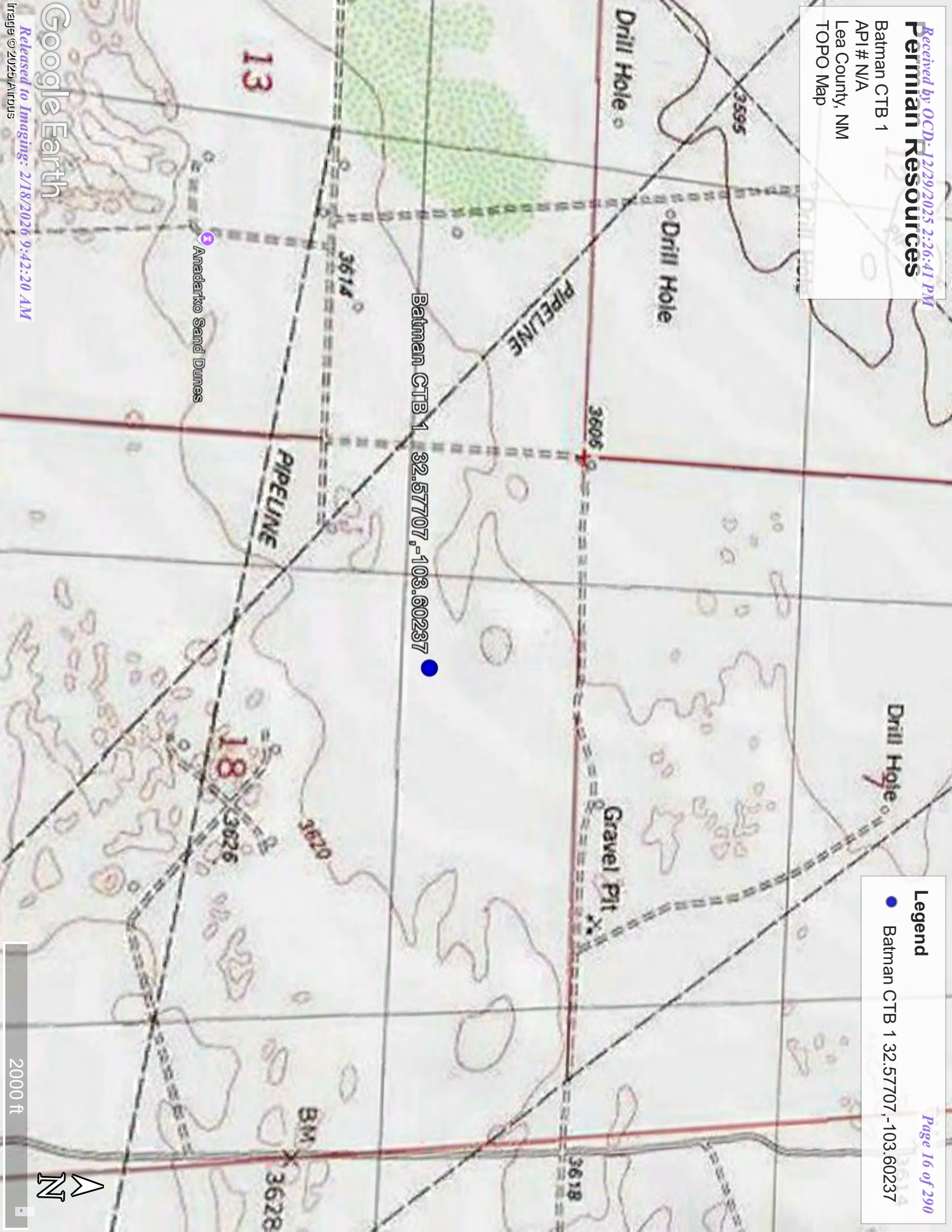


100 ft

Batman CTB 1
API # N/A
Lea County, NM
TOPO Map

Legend

- Batman CTB 1 32.57707, -103.60237



2000 ft

Batman CTB 1
API # N/A
Lea County, NM
Karst Map

Legend

- Batman CTB 1 32.57707, -103.60237
- High
- Low
- Medium

Batman CTB 1 32.57707, -103.60237

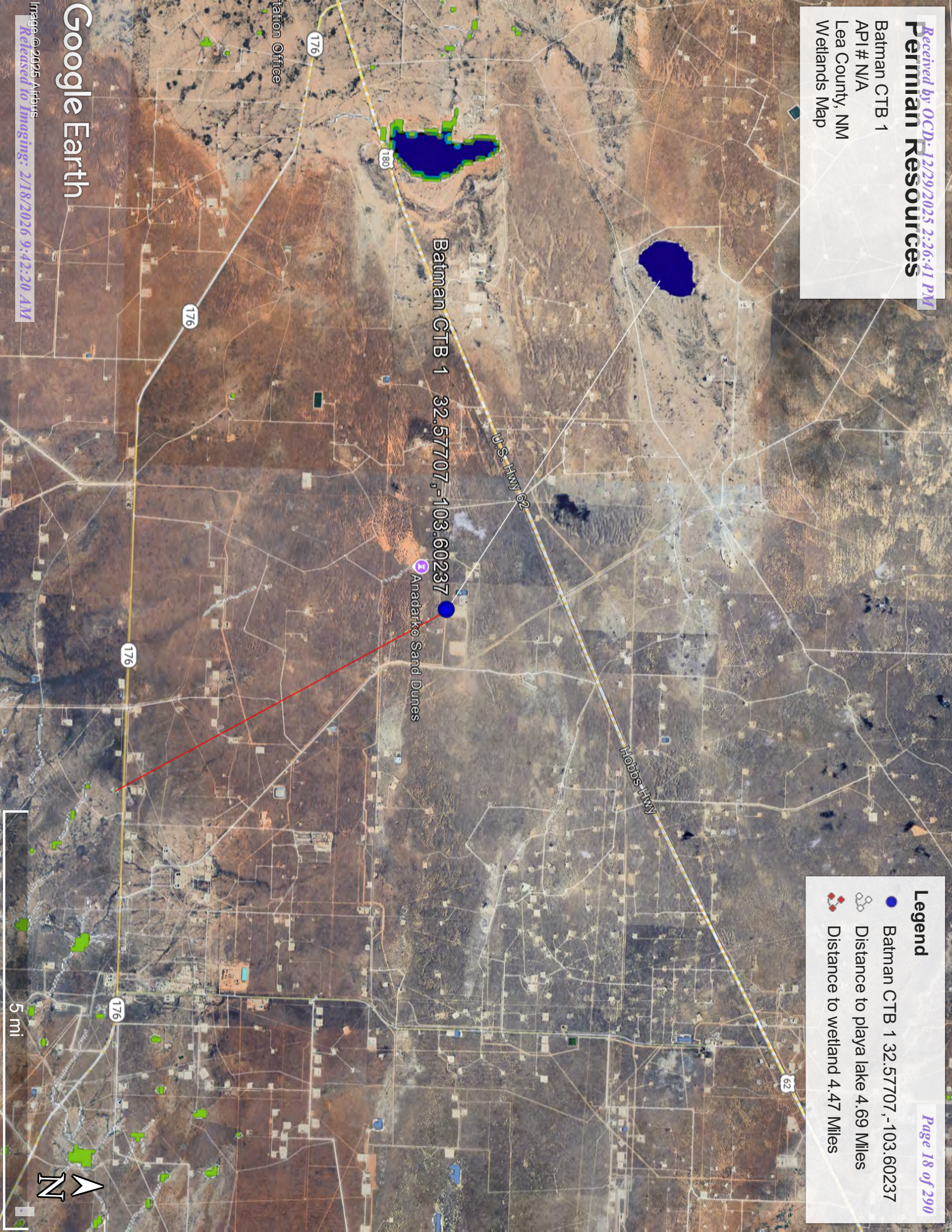
Anadarko Sand Dunes

U.S. Hwy 62



Batman CTB 1
API # N/A
Lea County, NM
Wetlands Map

- Batman CTB 1 32.57707, -103.60237
- Distance to playa lake 4.69 Miles
- Distance to wetland 4.47 Miles



Batman CTB 1 32.57707,-103.60237

Anadarko Sand Dunes

Station Office

Google Earth

5 mi

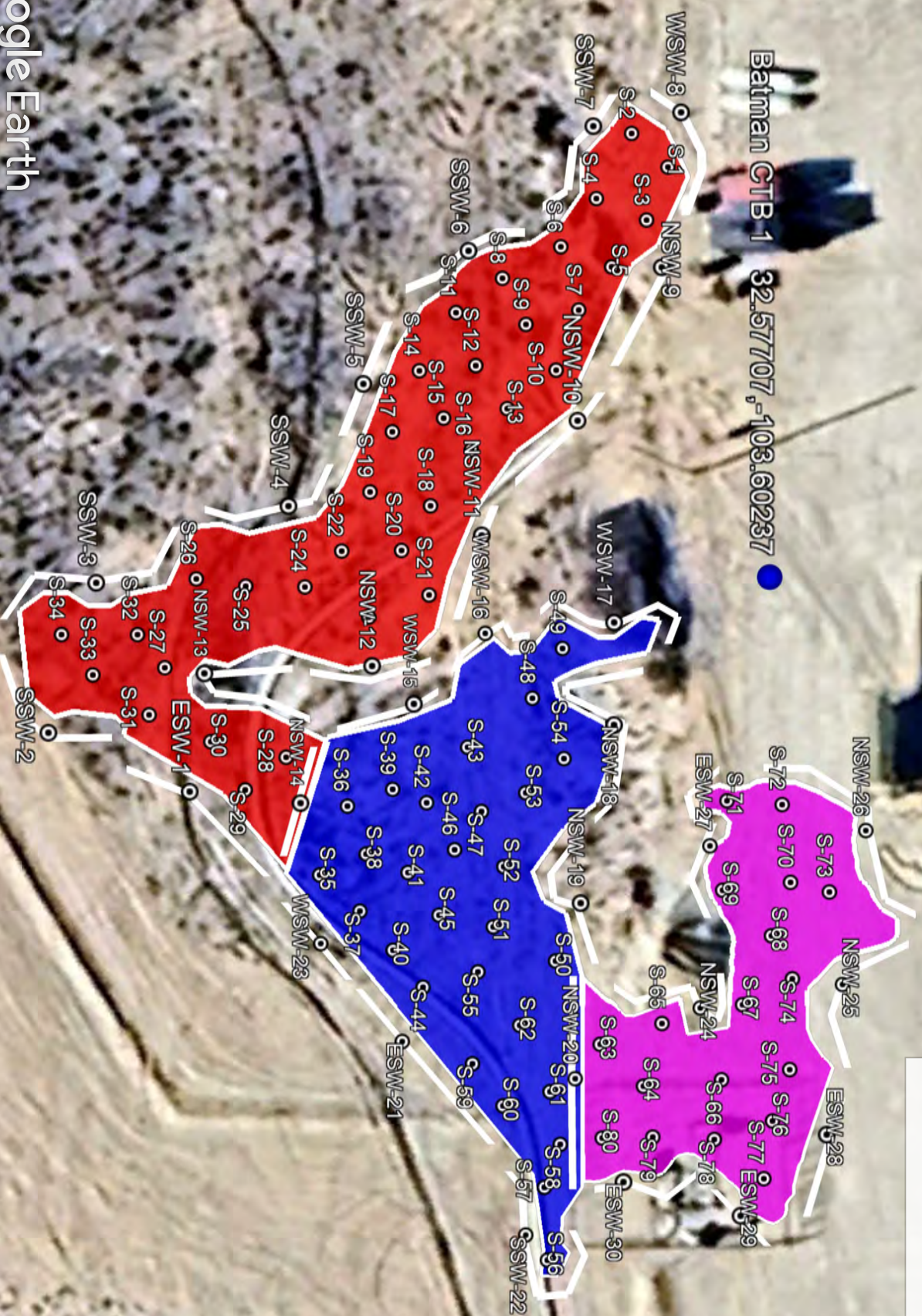


Permian Resources

Batman CTB 1
Lea County, NIM
Confirmation Sample Map

Legend

- Batman CTB 1 32.57707,-103.60237
- Bottom Confirmation Samples
- Sidewall Samples
- SP1 & SP2 4' Area / 6750 SF / 1000 CY
- SP5 2' Area / 5500 SF / 410 CY
- SP6 1' Area / 3600 SF / 135 CY



Batman CTB 1
API # N/A
Lea County, NM
Distance to POD Map

Legend

- Batman CTB 1 32.57707, -103.60237
- Distance to POD 00750 - 0.47 mi
- Distance to POD 02041 - 0.68 mi
- POD



Batman CTB 1 32.57707,-103.60237

POD 00750

POD 02041



1000 ft



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
CP 00750 POD1		CP	LE		SW	SE	07	20S	34E	631639.0	3605834.0 *		728	320		
CP 02041 POD1		CP	LE	SE	SE	SE	07	20S	34E	632121.6	3605746.1		1052	105		

Average Depth to Water: 0 feet

Minimum Depth: 0 feet
Maximum Depth: 0 feet

Record Count: 2

UTM Filters (in meters):

Easting: 631186.489
Northing: 3605263.367
Radius: 1600.0

* 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.

5/6/25 9:36 AM MST

Water Column/Average Depth to Water

Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 02041 POD1	SE	SE	SE	07	20S	34E	632121.6	3605746.1	

* UTM location was derived from PLSS - see Help

Driller License:	1862	Driller Company:	H&R ENTERPRISES, LLC
Driller Name:	HAWLEY, JAMES CODYELALL OFF		
Drill Start Date:	2024-11-21	Drill Finish Date:	2024-11-21
Plug Date:	2024-11-27		
Log File Date:	2024-12-03	PCW Rcv Date:	Source:
Pump Type:	Pipe Discharge Size:	Estimated Yield:	
Casing Size:	Depth Well:	105	Depth Water:

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.

Point of Diversion Summary

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

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	CP 00750 POD1		SW	SE	07	20S	34E	631639.0	3605834.0 *	

* UTM location was derived from PLSS - see Help

Driller License:	421	Driller Company:	GLENN'S WATER WELL SERVICE
------------------	-----	------------------	----------------------------

Driller Name:	GLENN, CLARK A."CORKY" (LD)
---------------	-----------------------------

Drill Start Date:	1990-06-20	Drill Finish Date:	1990-06-20	Plug Date:
-------------------	------------	--------------------	------------	------------

Log File Date:	1990-07-26	PCW Rcv Date:		Source:
----------------	------------	---------------	--	---------

Pump Type:		Pipe Discharge Size:		Estimated Yield:
------------	--	----------------------	--	------------------

Casing Size:		Depth Well:	320	Depth Water:
--------------	--	-------------	-----	--------------

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: Pyote and Maljamar fine sands---Lea County, New Mexico

Lea County, New Mexico

PU—Pyote and Maljamar fine sands

Map Unit Setting

National map unit symbol: dmqq

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 205 days

Farmland classification: Not prime farmland

Map Unit Composition

Pyote and similar soils: 46 percent

Maljamar and similar soils: 44 percent

Minor components: 10 percent

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

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 30 inches: fine sand

Bt - 30 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

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

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Maljamar

Setting

Landform: Plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 24 inches: fine sand
Bt - 24 to 50 inches: sandy clay loam
Bkm - 50 to 60 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 40 to 60 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 5 percent
Gypsum, maximum content: 1 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 2.0
Available water supply, 0 to 60 inches: Low (about 5.6 inches)

Interpretive groups

Land capability classification (irrigated): 6e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Kermit

Percent of map unit: 10 percent
Ecological site: R070BC022NM - Sandhills

Map Unit Description: Pyote and Maljamar fine sands---Lea County, New Mexico

Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

National Flood Hazard Layer FIRMette

103°36'27"W 32°34'53"N



Legend

SEE THIS 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 Coastal Transect  Base Flood Elevation Line (BFE)  Limit of Study  Jurisdiction Boundary  Coastal Transect Baseline  Profile Baseline  Hydrographic Feature
-----------------------	---

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 5/6/2025 at 3:16 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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





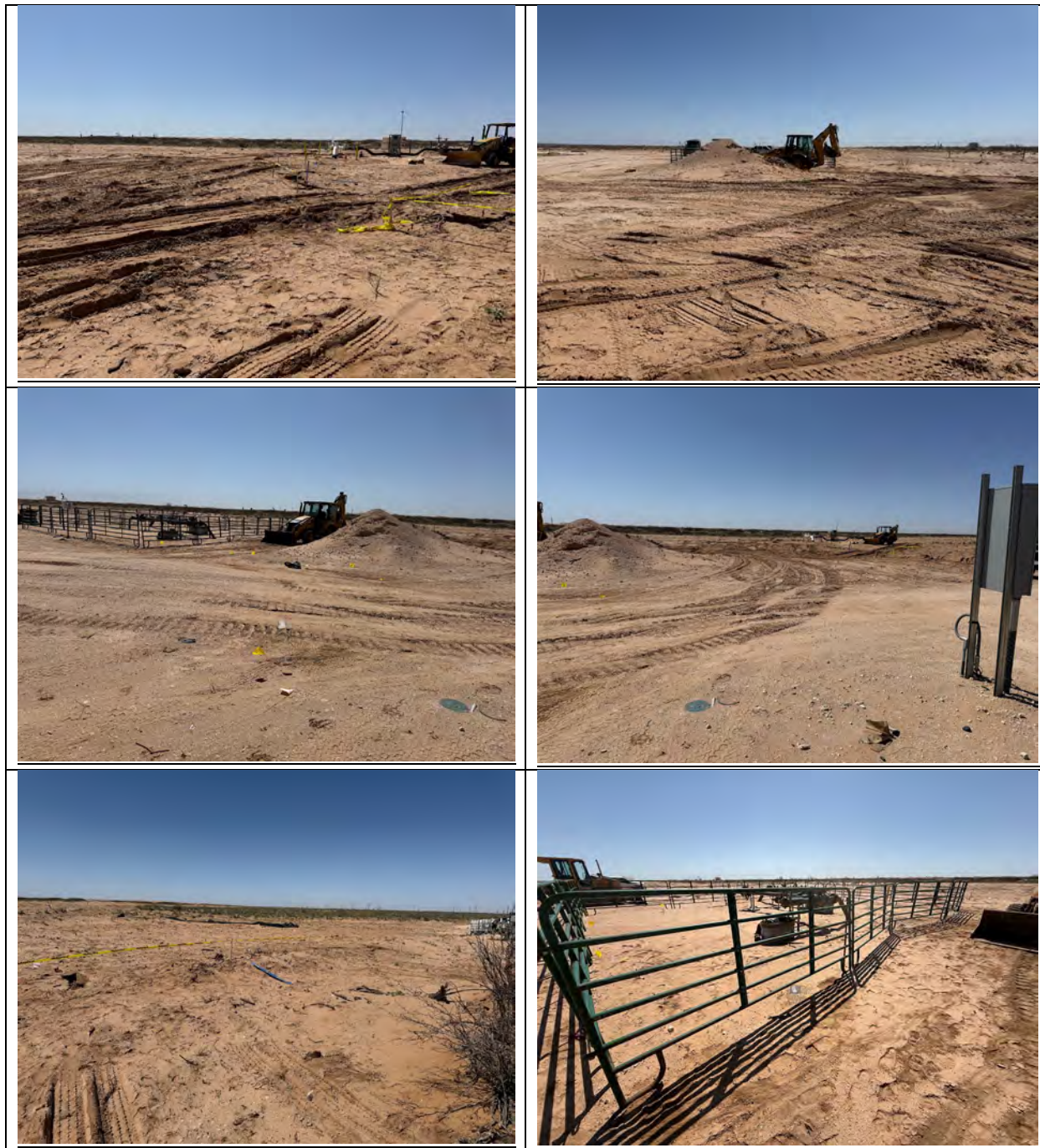
Appendix C:

Photographic
Documentation

NMOCD Email
Notification



**Photographic Documentation
Before**





**Photographic Documentation
During**





Photographic Documentation
After



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:	453270	Districts:	Hobbs
Operator:	[372165] Permian Resources Operating, LLC	Counties:	Lea
Description:	Permian Resources Operating, LLC [372165] , Batman CTB 1 , nAPP2504336953		
Status:	APPROVED		
Status Date:	04/17/2025		
References (2):	fAPP2317035109, nAPP2504336953		

Foms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2504336953
Incident Name	NAPP2504336953 BATMAN CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2317035109] BATMAN CTB 1

Location of Release Source

Site Name	Batman CTB 1
Date Release Discovered	02/12/2025
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	22,000
What is the estimated number of samples that will be gathered	110
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/21/2025
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	GPS:32.576578,-103.602642

Comments

No comments found for this submission.

Conditions

Summary: *mtaylorpr (4/17/2025)*, 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:	468839	Districts:	Hobbs
Operator:	[372165] Permian Resources Operating, LLC	Counties:	Lea
Description:	Permian Resources Operating, LLC [372165] , Batman CTB 1 , nAPP2504336953		
Status:	APPROVED		
Status Date:	05/29/2025		
References (2):	fAPP2317035109, nAPP2504336953		

Foms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2504336953
Incident Name	NAPP2504336953 BATMAN CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2317035109] BATMAN CTB 1

Location of Release Source

Site Name	Batman CTB 1
Date Release Discovered	02/12/2025
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	13,000
What is the estimated number of samples that will be gathered	65
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/03/2025
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	32.576578,-103.602642

Searches Operator Data Hearing Fee Application

Comments

No comments found for this submission.

Conditions

Summary: *mtaylorpr (5/29/2025)*, 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:	490520	Districts:	Hobbs
Operator:	[372165] Permian Resources Operating, LLC	Counties:	Lea
Description:	Permian Resources Operating, LLC [372165] , Batman CTB 1 , nAPP2504336953		
Status:	Approved		
Status Date:	07/30/2025		
References (0):			

Foms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2504336953
Incident Name	NAPP2504336953 BATMAN CTB 1 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Approved
Incident Facility	[fAPP2317035109] BATMAN CTB 1

Location of Release Source

Site Name	Batman CTB 1
Date Release Discovered	02/12/2025
Surface Owner	Private

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	3,200
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/04/2025
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	GPS: 32.576578,-103.602642

Comments

No comments found for this submission.

Conditions

Summary: *mtaylorpr (7/30/2025)*, 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.

mtaylorpr (7/30/2025), If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.

Reasons

No reasons found for this submission.

Go Back



Appendix D:
Laboratory Results



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

April 29, 2025

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BATMAN 1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/23/25 8:51.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 1 4' (H252427-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	2.44	
Toluene*	<0.050	0.050	04/25/2025	ND	2.24	112	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.29	114	2.00	2.27	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.52	109	6.00	2.15	
Total BTX	<0.300	0.300	04/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 2 4' (H252427-02)

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	04/25/2025	ND	2.25	113	2.00	2.44		
Toluene*	<0.050	0.050	04/25/2025	ND	2.24	112	2.00	3.16		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.29	114	2.00	2.27		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.52	109	6.00	2.15		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	432	16.0	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 97.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.3 % 40.6-153

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Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 3 4' (H252427-03)

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	04/25/2025	ND	2.25	113	2.00	2.44		
Toluene*	<0.050	0.050	04/25/2025	ND	2.24	112	2.00	3.16		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.29	114	2.00	2.27		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.52	109	6.00	2.15		
Total BTEx	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 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	464	16.0	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.6 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 4 4' (H252427-04)

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	04/25/2025	ND	2.25	113	2.00	2.44		
Toluene*	<0.050	0.050	04/25/2025	ND	2.24	112	2.00	3.16		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.29	114	2.00	2.27		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.52	109	6.00	2.15		
Total BTEx	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	624	16.0	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.0 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 5 4' (H252427-05)

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	04/25/2025	ND	2.25	113	2.00	2.44	
Toluene*	<0.050	0.050	04/25/2025	ND	2.24	112	2.00	3.16	
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.29	114	2.00	2.27	
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.52	109	6.00	2.15	
Total BTEx	<0.300	0.300	04/25/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.1 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 6 4' (H252427-06)

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	04/26/2025	ND	2.25	113	2.00	2.44		
Toluene*	<0.050	0.050	04/26/2025	ND	2.24	112	2.00	3.16		
Ethylbenzene*	<0.050	0.050	04/26/2025	ND	2.29	114	2.00	2.27		
Total Xylenes*	<0.150	0.150	04/26/2025	ND	6.52	109	6.00	2.15		
Total BTEx	<0.300	0.300	04/26/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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	496	16.0	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 98.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 7 4' (H252427-07)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.2 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 8 4' (H252427-08)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	688	16.0	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 96.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.9 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 9 4' (H252427-09)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 93.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 10 4' (H252427-10)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTEx	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 96.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 11 4' (H252427-11)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTEx	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	352	16.0	04/24/2025	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	04/24/2025	ND	190	95.2	200	0.846	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	189	94.3	200	0.872	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 96.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 12 4' (H252427-12)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	04/24/2025	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	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 117 % 44.4-145

Surrogate: 1-Chlorooctadecane 115 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 13 4' (H252427-13)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	04/24/2025	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	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 117 % 44.4-145

Surrogate: 1-Chlorooctadecane 114 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 14 4' (H252427-14)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	256	16.0	04/24/2025	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	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 15 4' (H252427-15)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/24/2025	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	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 99.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 16 4' (H252427-16)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	176	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 17 4' (H252427-17)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	272	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 98.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 18 4' (H252427-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	192	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 19 4' (H252427-19)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTEx	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	144	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 20 4' (H252427-20)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	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	128	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 107 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 21 4' (H252427-21)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	3600	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 22 4' (H252427-22)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	3280	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 96.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.6 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 23 4' (H252427-23)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	4440	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.1 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 24 4' (H252427-24)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	3520	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 114 % 44.4-145

Surrogate: 1-Chlorooctadecane 111 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 25 4' (H252427-25)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	3760	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 26 4' (H252427-26)

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	04/25/2025	ND	2.15	108	2.00	0.654		
Toluene*	<0.050	0.050	04/25/2025	ND	2.25	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.06	103	2.00	0.153		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	6.21	103	6.00	1.16		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	3640	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 117 % 44.4-145

Surrogate: 1-Chlorooctadecane 112 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 27 4' (H252427-27)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	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	3680	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 28 4' (H252427-28)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTEx	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	4120	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 29 4' (H252427-29)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTEX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	576	16.0	04/24/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 99.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 30 4' (H252427-30)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	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	3840	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 110 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 31 4' (H252427-31)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	190	94.9	200	2.32	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	89.1	200	0.783	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 32 4' (H252427-32)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	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	<16.0	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 33 4' (H252427-33)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	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	<16.0	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 82.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 34 4' (H252427-34)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	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	<16.0	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 35 2' (H252427-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTEx	<0.300	0.300	04/25/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	224	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 36 2' (H252427-36)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	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	320	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 83.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 37 2' (H252427-37)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 38 2' (H252427-38)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 39 2' (H252427-39)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 40 2' (H252427-40)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 41 2' (H252427-41)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	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	2320	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 42 2' (H252427-42)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 77.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 43 2' (H252427-43)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2720	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 44 2' (H252427-44)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1650	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 45 2' (H252427-45)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1520	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 80.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 46 2' (H252427-46)

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	04/25/2025	ND	2.04	102	2.00	0.682		
Toluene*	<0.050	0.050	04/25/2025	ND	1.94	97.2	2.00	1.20		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	1.91	95.6	2.00	1.12		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	5.86	97.6	6.00	1.36		
Total BTX	<0.300	0.300	04/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 47 2' (H252427-47)

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	04/25/2025	ND	2.14	107	2.00	6.30		
Toluene*	<0.050	0.050	04/25/2025	ND	2.23	112	2.00	6.90		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.38	119	2.00	7.43		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	7.24	121	6.00	7.73		
Total BTX	<0.300	0.300	04/25/2025	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	1480	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 84.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 48 2' (H252427-48)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.14	107	2.00	6.30		
Toluene*	<0.050	0.050	04/25/2025	ND	2.23	112	2.00	6.90		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.38	119	2.00	7.43		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	7.24	121	6.00	7.73		
Total BTX	<0.300	0.300	04/25/2025	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	1470	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.3 % 40.6-153

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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: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 49 2' (H252427-49)

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	04/25/2025	ND	2.14	107	2.00	6.30		
Toluene*	<0.050	0.050	04/25/2025	ND	2.23	112	2.00	6.90		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.38	119	2.00	7.43		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	7.24	121	6.00	7.73		
Total BTEx	<0.300	0.300	04/25/2025	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	1650	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/23/2025
Reported: 04/29/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN
Project Location: LEA COUNTY

Sampling Date: 04/21/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 50 2' (H252427-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2025	ND	2.14	107	2.00	6.30		
Toluene*	<0.050	0.050	04/25/2025	ND	2.23	112	2.00	6.90		
Ethylbenzene*	<0.050	0.050	04/25/2025	ND	2.38	119	2.00	7.43		
Total Xylenes*	<0.150	0.150	04/25/2025	ND	7.24	121	6.00	7.73		
Total BTEx	<0.300	0.300	04/25/2025	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	1880	16.0	04/24/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2025	ND	180	89.9	200	1.42	
DRO >C10-C28*	<10.0	10.0	04/24/2025	ND	178	88.9	200	0.201	
EXT DRO >C28-C36	<10.0	10.0	04/24/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST									
Project Manager: Chris Jones		Company: <i>Perman</i>													
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: <i>Barren 1 CTB</i>		State:													
Project Location: <i>Lea County</i>		City:													
Sample Name: <i>Francisco Roberts</i>		Phone #:													
FOR LAB USE ONLY		Fax #:													
Lab I.D.		(G)RAB OR (C)OMP.													
Sample I.D.		# CONTAINERS													
		GROUNDWATER													
		WASTEWATER													
		SOIL													
		OIL													
		SLUDGE													
		OTHER :													
		ACID/BASE:													
		ICE / COOL													
		OTHER :													
		DATE		TIME											
1		S-1		4'											
2		S-2		4'											
3		S-3		4'											
4		S-4		4'											
5		S-5		4'											
6		S-6		4'											
7		S-7		4'											
8		S-8		4'											
9		S-9		4'											
10		S-10		4'											
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Relinquished By: <i>Fr</i>		Date: <i>4/23/25</i>		Received By: <i>Stodiekney</i>											
Relinquished By: <i>Fr</i>		Date: <i>4/23/25</i>		Received By: <i>Stodiekney</i>											
Delivered By: (Circle One) <i>UPS</i>		Sample Condition		CHECKED BY: <i>8/2</i>											
Sampler - UPS - Bus - Other: <i>13.72 \$140</i>		Cool ☒ Intact ☒													
		Yes ☒ No ☒													
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326		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
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: ' '

BILL TO

P.O. #:
Company: ' '
Attn:

Address:
City:
State: Zip:

Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D. Sample I.D.

1353437

11 5-11 4'

12 5-12 4'

13 5-13 4'

14 5-14 4'

15 5-15 4'

16 5-16 4'

17 5-17 4'

18 5-18 4'

2014 5-19 4'

50 5-20 4'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE 4/21

TIME

TPH
BTEX
CHLORIDES

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Relinquished By:

Date: 4/23/25
Time: 08:51

Received By: Shodeigne

REMARKS:

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

Delivered By: (Circle One)

UPS ☒ Bus ☐ Other:
14.0:00 to 14.3:00

Sample Condition Cool ☒ Intact ☐
Yes ☒ No ☐

CHECKED BY: 82

Sampler - UPS - Bus - Other:

137:00 to 140:00

Cool ☒ Intact ☐
Yes ☒ No ☐

CHECKED BY: 82

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



CARDINAL

Laboratories

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Cason Spurlock		Company:					
Address: 5002 Carriage Rd		Attn:					
City: Hobbs		Address:					
State: NM Zip: 88242		City:					
Phone #: 575-631-6977 Fax #:		State:					
Project #:		Zip:					
Project Name: U		Phone #:					
Project Location: U		Fax #:					
Sampler Name: U							
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	
21	S-21 4'			GROUNDWATER			
22	S-22 4'			WASTEWATER			
23	S-23 4'			SOIL			
24	S-24 4'			OIL			
25	S-25 4'			SLUDGE			
26	S-26 4'			OTHER:			
27	S-27 4'			ACID/BASE:			
28	S-28 4'			ICE / COOL			
29	S-29 4'			OTHER:			
30	S-30 4'						
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Relinquished By: <i>For CAC</i>		4/23/25		4/21		TPH	
Time: 0851		Received By: <i>Speedriguey</i>				BTX	
Date: 0851						CHLORIDES	
Time:							
Delivered By: (Circle One) -14.0: CTD.3:		Sample Condition		CHECKED BY: (Initials)			
Sampler - UPS - Bus - Other: -B.7: #140		Cool Intact		Yes No			
		Yes No		Yes No			
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326		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

Fax #:

Project #:

Project Owner:

Project Name:

Project Location:

Sampler Name:

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D. Sample I.D.

113534 37

31 31 4'

32 32 4'

33 33 4'

34 34 4'

35 35 4'

36 36 4'

37 37 2'

38 38 2'

39 39 2'

40 40 2'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE TIME

1/21

TPH
BTEX
CHLORIDES

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Relinquished By:

Date: 1/23/25

Received By:

Relinquished By:

Date: 1/23/25

Received By:

Delivered By: (Circle One)

-14.0.0.0.3

Sampler - UPS - Bus - Other:

-13.7.0.0.140

Sample Condition

Cool Intact

Yes Yes

No No

CHECKED BY:

(Initials)

88

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

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]

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

April 29, 2025

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BATMAN 1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/23/25 8:51.

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/ga/lab_accred_certif.html.

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

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

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

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S - 51 2'	H252428-01	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 52 2'	H252428-02	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 53 2'	H252428-03	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 54 2'	H252428-04	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 55 2'	H252428-05	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 56 2'	H252428-06	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 57 2'	H252428-07	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 58 2'	H252428-08	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 59 2'	H252428-09	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 60 2'	H252428-10	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 61 2'	H252428-11	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 62 2'	H252428-12	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 63 1'	H252428-13	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 64 1'	H252428-14	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 65 1'	H252428-15	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 66 1'	H252428-16	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 67 1'	H252428-17	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 68 1'	H252428-18	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 69 1'	H252428-19	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 70 1'	H252428-20	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 71 1'	H252428-21	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 72 1'	H252428-22	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 73 1'	H252428-23	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 74 1'	H252428-24	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 75 1'	H252428-25	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 76 1'	H252428-26	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 77 1'	H252428-27	Soil	21-Apr-25 00:00	23-Apr-25 08:51

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 78 1'	H252428-28	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 79 1'	H252428-29	Soil	21-Apr-25 00:00	23-Apr-25 08:51
S - 80 1'	H252428-30	Soil	21-Apr-25 00:00	23-Apr-25 08:51
ESW - 1 4'	H252428-31	Soil	21-Apr-25 00:00	23-Apr-25 08:51
SSW - 2 4'	H252428-32	Soil	21-Apr-25 00:00	23-Apr-25 08:51
SSW - 3 4'	H252428-33	Soil	21-Apr-25 00:00	23-Apr-25 08:51
SSW - 4 4'	H252428-34	Soil	21-Apr-25 00:00	23-Apr-25 08:51
SSW - 5 4'	H252428-35	Soil	21-Apr-25 00:00	23-Apr-25 08:51
SSW - 6 4'	H252428-36	Soil	21-Apr-25 00:00	23-Apr-25 08:51
SSW - 7 4'	H252428-37	Soil	21-Apr-25 00:00	23-Apr-25 08:51
WSW - 8 4'	H252428-38	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 9 4'	H252428-39	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 10 4'	H252428-40	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 11 4'	H252428-41	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 12 4'	H252428-42	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 13 4'	H252428-43	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 14 4'	H252428-44	Soil	21-Apr-25 00:00	23-Apr-25 08:51
WSW - 15 2'	H252428-45	Soil	21-Apr-25 00:00	23-Apr-25 08:51
WSW - 16 2'	H252428-46	Soil	21-Apr-25 00:00	23-Apr-25 08:51
WSW - 17 2'	H252428-47	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 18 2'	H252428-48	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 19 2'	H252428-49	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 20 2'	H252428-50	Soil	21-Apr-25 00:00	23-Apr-25 08:51
SSW - 22 2'	H252428-51	Soil	21-Apr-25 00:00	23-Apr-25 08:51
ESW - 21 2'	H252428-52	Soil	21-Apr-25 00:00	23-Apr-25 08:51
WSW - 23 2'	H252428-53	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 24 1'	H252428-54	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 25 1'	H252428-55	Soil	21-Apr-25 00:00	23-Apr-25 08:51
NSW - 26 1'	H252428-56	Soil	21-Apr-25 00:00	23-Apr-25 08:51
ESW - 27 1'	H252428-57	Soil	21-Apr-25 00:00	23-Apr-25 08:51

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

ESW - 28 1'	H252428-58	Soil	21-Apr-25 00:00	23-Apr-25 08:51
ESW - 29 1'	H252428-59	Soil	21-Apr-25 00:00	23-Apr-25 08:51
ESW - 30 1'	H252428-60	Soil	21-Apr-25 00:00	23-Apr-25 08:51

04/29/25 - Client changed the sample IDs on -31 to -44 (see COC). This is the revised report and will replace the one sent earlier today, 04/29/25.

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 51 2'
H252428-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	2560		16.0	mg/kg	4	5042438	AC	24-Apr-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5042406 JH 25-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042309	MS	24-Apr-25	8015B	
DRO >C10-C28*	25.9		10.0	mg/kg	1	5042309	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042309	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane 76.5 % 44.4-145 5042309 MS 24-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 80.1 % 40.6-153 5042309 MS 24-Apr-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 52 2'
H252428-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	2760		16.0	mg/kg	4	5042438	AC	24-Apr-25	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		5042406	JH	25-Apr-25	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			94.6 %	44.4-145		5042310	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			93.8 %	40.6-153		5042310	MS	24-Apr-25	8015B	
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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
1601 N TURNER ST., STE 500
HOBBS NM, 88240

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 53 2'
H252428-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	2280		16.0	mg/kg	4	5042438	AC	24-Apr-25	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5-134		5042406	JH	25-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			95.3 %	44.4-145		5042310	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			93.0 %	40.6-153		5042310	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 54 2'
H252428-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2560		16.0	mg/kg	4	5042438	AC	24-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134 5042406 JH 25-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane 90.9 % 44.4-145 5042310 MS 24-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 88.8 % 40.6-153 5042310 MS 24-Apr-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 55 2'
H252428-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2400		16.0	mg/kg	4	5042438	AC	24-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	113 %	71.5-134	5042406	JH	25-Apr-25	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B

Surrogate: 1-Chlorooctane	99.4 %	44.4-145	5042310	MS	24-Apr-25	8015B
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Surrogate: 1-Chlorooctadecane	97.8 %	40.6-153	5042310	MS	24-Apr-25	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 56 2'
H252428-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			110 %	71.5-134		5042406	JH	25-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			95.2 %	44.4-145		5042310	MS	24-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.3 %	40.6-153		5042310	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 57 2'
H252428-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			115 %	71.5-134		5042406	JH	25-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			95.2 %	44.4-145		5042310	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			94.1 %	40.6-153		5042310	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 58 2'
H252428-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134 5042406 JH 25-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane 92.8 % 44.4-145 5042310 MS 24-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 91.2 % 40.6-153 5042310 MS 24-Apr-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 59 2'
H252428-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			114 %		71.5-134	5042406	JH	25-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			102 %		44.4-145	5042310	MS	24-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			98.7 %		40.6-153	5042310	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 60 2'
H252428-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		5042406	JH	25-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			97.6 %	44.4-145		5042310	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			95.4 %	40.6-153		5042310	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 61 2'
H252428-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	320		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			113 %		71.5-134	5042406	JH	25-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			85.1 %		44.4-145	5042310	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			84.0 %		40.6-153	5042310	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 62 2'
H252428-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2530		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			107 %	71.5-134		5042406	JH	25-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
Surrogate: 1-Chlorooctane			91.7 %	44.4-145		5042310	MS	25-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			92.4 %	40.6-153		5042310	MS	25-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 63 1'
H252428-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3040		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5042406	JH	25-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.6 %	44.4-145		5042310	MS	25-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.2 %	40.6-153		5042310	MS	25-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 64 1'
H252428-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3000		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5042406	JH	25-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
Surrogate: 1-Chlorooctane			93.5 %	44.4-145		5042310	MS	25-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			90.1 %	40.6-153		5042310	MS	25-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 65 1'
H252428-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2720		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			108 %	71.5-134		5042406	JH	25-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.6 %	44.4-145		5042310	MS	25-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.2 %	40.6-153		5042310	MS	25-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 66 1'
H252428-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3080		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042406	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042406	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134 5042406 JH 25-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	

Surrogate: 1-Chlorooctane 92.4 % 44.4-145 5042310 MS 25-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 91.4 % 40.6-153 5042310 MS 25-Apr-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 67 1'
H252428-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2840		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Toluene*	<0.050	0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		131 %		71.5-134	5042418	JH	25-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
Surrogate: 1-Chlorooctane		90.5 %		44.4-145	5042310	MS	25-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane		90.0 %		40.6-153	5042310	MS	25-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 68 1'
H252428-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2800		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134 5042418 JH 25-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	

Surrogate: 1-Chlorooctane 97.6 % 44.4-145 5042310 MS 25-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 97.0 % 40.6-153 5042310 MS 25-Apr-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 69 1'
H252428-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2680		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 126 % 71.5-134 5042418 JH 25-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
DRO >C10-C28*	16.8		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	

Surrogate: 1-Chlorooctane 96.6 % 44.4-145 5042310 MS 25-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 96.6 % 40.6-153 5042310 MS 25-Apr-25 8015B

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 70 1'
H252428-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2960		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134 5042418 JH 25-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
DRO >C10-C28*	10.4		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	

Surrogate: 1-Chlorooctane 86.0 % 44.4-145 5042310 MS 25-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 85.8 % 40.6-153 5042310 MS 25-Apr-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 71 1'
H252428-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	3120		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			126 %	71.5-134		5042418	JH	25-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042310	MS	25-Apr-25	8015B	
Surrogate: 1-Chlorooctane			73.7 %	44.4-145		5042310	MS	25-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			71.6 %	40.6-153		5042310	MS	25-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 72 1'
H252428-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	2720		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			132 %	71.5-134		5042418	JH	25-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	138		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	34.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			83.0 %	44.4-145		5042311	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			84.0 %	40.6-153		5042311	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 73 1'
H252428-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	25-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	25-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			125 %	71.5-134		5042418	JH	25-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	22.1		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			87.1 %	44.4-145		5042311	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			82.3 %	40.6-153		5042311	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 74 1'
H252428-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			126 %	71.5-134		5042418	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			86.8 %	44.4-145		5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			81.7 %	40.6-153		5042311	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 75 1'
H252428-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	5042501	HM	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134 5042418 JH 26-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	29.5		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane 79.5 % 44.4-145 5042311 MS 24-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 78.7 % 40.6-153 5042311 MS 24-Apr-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 76 1'
H252428-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	192		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			124 %		71.5-134	5042418	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	19.3		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.9 %		44.4-145	5042311	MS	24-Apr-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.2 %		40.6-153	5042311	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 77 1'
H252428-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			125 %		71.5-134	5042418	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	41.4		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			89.9 %		44.4-145	5042311	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			84.8 %		40.6-153	5042311	MS	24-Apr-25	8015B	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 78 1'
H252428-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			125 %	71.5-134		5042418	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	24.7		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			92.8 %	44.4-145		5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			86.4 %	40.6-153		5042311	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 79 1'
H252428-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			124 %	71.5-134		5042418	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	15.4		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			87.4 %	44.4-145		5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			81.1 %	40.6-153		5042311	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

S - 80 1'
H252428-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	256		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			126 %	71.5-134		5042418	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	19.8		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			68.0 %	44.4-145		5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			64.2 %	40.6-153		5042311	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

ESW - 1 4'
H252428-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			127 %	71.5-134		5042418	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			78.0 %	44.4-145		5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			73.5 %	40.6-153		5042311	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

SSW - 2 4'
H252428-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134 5042418 JH 26-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane 79.7 % 44.4-145 5042311 MS 24-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 74.3 % 40.6-153 5042311 MS 24-Apr-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

SSW - 3 4'
H252428-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			124 %		71.5-134	5042418	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			84.6 %		44.4-145	5042311	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			78.9 %		40.6-153	5042311	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

SSW - 4 4'
H252428-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			126 %		71.5-134	5042418	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			82.7 %		44.4-145	5042311	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			76.9 %		40.6-153	5042311	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

SSW - 5 4'
H252428-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			126 %		71.5-134	5042418	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			83.7 %		44.4-145	5042311	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			79.3 %		40.6-153	5042311	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

SSW - 6 4'
H252428-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042418	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042418	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			124 %		71.5-134	5042418	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			88.2 %		44.4-145	5042311	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			82.0 %		40.6-153	5042311	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

SSW - 7 4'
H252428-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		5042419	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			87.7 %	44.4-145		5042311	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			81.8 %	40.6-153		5042311	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

WSW - 8 4'
H252428-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5042419	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			71.9 %	44.4-145		5042311	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			66.3 %	40.6-153		5042311	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 9 4'
H252428-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		5042419	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			83.4 %	44.4-145		5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			77.5 %	40.6-153		5042311	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 10 4'
H252428-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5042419	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			74.8 %	44.4-145		5042311	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			69.4 %	40.6-153		5042311	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 11 4'
H252428-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		5042419	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			83.1 %	44.4-145		5042311	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			79.1 %	40.6-153		5042311	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 12 4'
H252428-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %		71.5-134	5042419	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			80.3 %		44.4-145	5042321	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			75.3 %		40.6-153	5042321	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 13 4'
H252428-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5042419	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			83.8 %	44.4-145		5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			80.0 %	40.6-153		5042321	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 14 4'
H252428-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5042419	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			88.3 %	44.4-145		5042321	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			82.4 %	40.6-153		5042321	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

WSW - 15 2'
H252428-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042521	KV	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		5042419	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			77.4 %	44.4-145		5042321	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			71.9 %	40.6-153		5042321	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

WSW - 16 2'
H252428-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5042419	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			81.6 %	44.4-145		5042321	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			76.1 %	40.6-153		5042321	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

WSW - 17 2'
H252428-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134 5042419 JH 26-Apr-25 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane 79.8 % 44.4-145 5042321 MS 24-Apr-25 8015B

Surrogate: 1-Chlorooctadecane 74.3 % 40.6-153 5042321 MS 24-Apr-25 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 18 2'
H252428-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		5042419	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			74.8 %	44.4-145		5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			70.1 %	40.6-153		5042321	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 19 2'
H252428-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5042419	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			75.5 %	44.4-145		5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			71.4 %	40.6-153		5042321	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 20 2'
H252428-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		5042419	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			77.6 %	44.4-145		5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			72.0 %	40.6-153		5042321	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

SSW - 22 2'
H252428-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		5042419	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			76.8 %	44.4-145		5042321	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			71.2 %	40.6-153		5042321	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

ESW - 21 2'
H252428-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		5042419	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			76.8 %	44.4-145		5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			72.6 %	40.6-153		5042321	MS	24-Apr-25	8015B	

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

WSW - 23 2'
H252428-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		5042419	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			76.9 %	44.4-145		5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			71.6 %	40.6-153		5042321	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 24 1'
H252428-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5042419	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			77.2 %	44.4-145		5042321	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			71.9 %	40.6-153		5042321	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 25 1'
H252428-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5042419	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			77.2 %	44.4-145		5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			71.8 %	40.6-153		5042321	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

NSW - 26 1'
H252428-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042419	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5-134		5042419	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			75.7 %	44.4-145		5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			70.4 %	40.6-153		5042321	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

ESW - 27 1'
H252428-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042420	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		5042420	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			80.0 %	44.4-145		5042321	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			76.1 %	40.6-153		5042321	MS	24-Apr-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

ESW - 28 1'
H252428-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			118 %	71.5-134		5042420	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctane			76.8 %	44.4-145		5042321	MS	24-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			71.5 %	40.6-153		5042321	MS	24-Apr-25	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

ESW - 29 1'
H252428-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042420	JH	26-Apr-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			122 %	71.5-134		5042420	JH	26-Apr-25	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	24-Apr-25	8015B	

Surrogate: 1-Chlorooctane			77.4 %	44.4-145		5042321	MS	24-Apr-25	8015B	
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Surrogate: 1-Chlorooctadecane			71.7 %	40.6-153		5042321	MS	24-Apr-25	8015B	
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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

ESW - 30 1'
H252428-60 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5042535	AC	25-Apr-25	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5042420	JH	26-Apr-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		5042420	JH	26-Apr-25	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	5042321	MS	25-Apr-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5042321	MS	25-Apr-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5042321	MS	25-Apr-25	8015B	
Surrogate: 1-Chlorooctane			78.2 %	44.4-145		5042321	MS	25-Apr-25	8015B	
Surrogate: 1-Chlorooctadecane			72.6 %	40.6-153		5042321	MS	25-Apr-25	8015B	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5042438 - 1:4 DI Water**Blank (5042438-BLK1)**

Prepared & Analyzed: 24-Apr-25

Chloride	ND	16.0	mg/kg
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LCS (5042438-BS1)

Prepared & Analyzed: 24-Apr-25

Chloride	432	16.0	mg/kg	400	108	80-120
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LCS Dup (5042438-BSD1)

Prepared & Analyzed: 24-Apr-25

Chloride	416	16.0	mg/kg	400	104	80-120	3.77	20
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Batch 5042501 - 1:4 DI Water**Blank (5042501-BLK1)**

Prepared & Analyzed: 25-Apr-25

Chloride	ND	16.0	mg/kg
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LCS (5042501-BS1)

Prepared & Analyzed: 25-Apr-25

Chloride	480	16.0	mg/kg	400	120	80-120
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LCS Dup (5042501-BSD1)

Prepared & Analyzed: 25-Apr-25

Chloride	416	16.0	mg/kg	400	104	80-120	14.3	20
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Batch 5042521 - 1:4 DI Water**Blank (5042521-BLK1)**

Prepared & Analyzed: 25-Apr-25

Chloride	ND	16.0	mg/kg
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LCS (5042521-BS1)

Prepared & Analyzed: 25-Apr-25

Chloride	416	16.0	mg/kg	400	104	80-120
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5042521 - 1:4 DI Water**LCS Dup (5042521-BSD1)**

Prepared & Analyzed: 25-Apr-25

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Batch 5042535 - 1:4 DI Water**Blank (5042535-BLK1)**

Prepared & Analyzed: 25-Apr-25

Chloride	ND	16.0	mg/kg							
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LCS (5042535-BS1)

Prepared & Analyzed: 25-Apr-25

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (5042535-BSD1)

Prepared & Analyzed: 25-Apr-25

Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
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Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5042406 - Volatiles**Blank (5042406-BLK1)**

Prepared: 24-Apr-25 Analyzed: 25-Apr-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0526		mg/kg	0.0500		105	71.5-134			

LCS (5042406-BS1)

Prepared: 24-Apr-25 Analyzed: 25-Apr-25

Benzene	2.14	0.050	mg/kg	2.00		107	82.8-130			
Toluene	2.23	0.050	mg/kg	2.00		112	86-128			
Ethylbenzene	2.38	0.050	mg/kg	2.00		119	85.9-128			
m,p-Xylene	4.86	0.100	mg/kg	4.00		122	89-129			
o-Xylene	2.38	0.050	mg/kg	2.00		119	86.1-125			
Total Xylenes	7.24	0.150	mg/kg	6.00		121	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0549		mg/kg	0.0500		110	71.5-134			

LCS Dup (5042406-BSD1)

Prepared: 24-Apr-25 Analyzed: 25-Apr-25

Benzene	2.01	0.050	mg/kg	2.00		101	82.8-130	6.30	15.8	
Toluene	2.08	0.050	mg/kg	2.00		104	86-128	6.90	15.9	
Ethylbenzene	2.21	0.050	mg/kg	2.00		111	85.9-128	7.43	16	
m,p-Xylene	4.49	0.100	mg/kg	4.00		112	89-129	7.93	16.2	
o-Xylene	2.21	0.050	mg/kg	2.00		110	86.1-125	7.33	16.7	
Total Xylenes	6.70	0.150	mg/kg	6.00		112	88.2-128	7.73	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0534		mg/kg	0.0500		107	71.5-134			

Batch 5042418 - Volatiles**Blank (5042418-BLK1)**

Prepared: 24-Apr-25 Analyzed: 25-Apr-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5042418 - Volatiles**Blank (5042418-BLK1)**

Prepared: 24-Apr-25 Analyzed: 25-Apr-25

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0632		mg/kg	0.0500		126	71.5-134			

LCS (5042418-BS1)

Prepared: 24-Apr-25 Analyzed: 25-Apr-25

Benzene	2.37	0.050	mg/kg	2.00		118	82.8-130			
Toluene	2.33	0.050	mg/kg	2.00		116	86-128			
Ethylbenzene	2.43	0.050	mg/kg	2.00		121	85.9-128			
m,p-Xylene	4.50	0.100	mg/kg	4.00		113	89-129			
o-Xylene	2.28	0.050	mg/kg	2.00		114	86.1-125			
Total Xylenes	6.78	0.150	mg/kg	6.00		113	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0531		mg/kg	0.0500		106	71.5-134			

LCS Dup (5042418-BS1)

Prepared: 24-Apr-25 Analyzed: 25-Apr-25

Benzene	2.36	0.050	mg/kg	2.00		118	82.8-130	0.508	15.8	
Toluene	2.30	0.050	mg/kg	2.00		115	86-128	1.10	15.9	
Ethylbenzene	2.40	0.050	mg/kg	2.00		120	85.9-128	1.27	16	
m,p-Xylene	4.45	0.100	mg/kg	4.00		111	89-129	1.16	16.2	
o-Xylene	2.23	0.050	mg/kg	2.00		111	86.1-125	2.13	16.7	
Total Xylenes	6.68	0.150	mg/kg	6.00		111	88.2-128	1.48	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/kg	0.0500		104	71.5-134			

Batch 5042419 - Volatiles**Blank (5042419-BLK1)**

Prepared: 24-Apr-25 Analyzed: 26-Apr-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0530		mg/kg	0.0500		106	71.5-134			

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Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 5042419 - Volatiles**LCS (5042419-BS1)**

Prepared: 24-Apr-25 Analyzed: 26-Apr-25

Benzene	2.04	0.050	mg/kg	2.00		102	82.8-130			
Toluene	1.93	0.050	mg/kg	2.00		96.4	86-128			
Ethylbenzene	1.87	0.050	mg/kg	2.00		93.5	85.9-128			
m,p-Xylene	3.86	0.100	mg/kg	4.00		96.4	89-129			
o-Xylene	1.93	0.050	mg/kg	2.00		96.6	86.1-125			
Total Xylenes	5.79	0.150	mg/kg	6.00		96.5	88.2-128			

Surrogate: 4-Bromofluorobenzene (PID)	0.0474		mg/kg	0.0500		94.8	71.5-134			
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LCS Dup (5042419-BS1)

Prepared: 24-Apr-25 Analyzed: 26-Apr-25

Benzene	2.08	0.050	mg/kg	2.00		104	82.8-130	2.25	15.8	
Toluene	1.95	0.050	mg/kg	2.00		97.6	86-128	1.20	15.9	
Ethylbenzene	1.90	0.050	mg/kg	2.00		95.1	85.9-128	1.74	16	
m,p-Xylene	3.92	0.100	mg/kg	4.00		98.1	89-129	1.68	16.2	
o-Xylene	1.96	0.050	mg/kg	2.00		97.9	86.1-125	1.30	16.7	
Total Xylenes	5.88	0.150	mg/kg	6.00		98.0	88.2-128	1.56	16.3	

Surrogate: 4-Bromofluorobenzene (PID)	0.0461		mg/kg	0.0500		92.2	71.5-134			
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Batch 5042420 - Volatiles**Blank (5042420-BLK1)**

Prepared: 24-Apr-25 Analyzed: 26-Apr-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID)	0.0587		mg/kg	0.0500		117	71.5-134			
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Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5042420 - Volatiles**LCS (5042420-BS1)**

Prepared: 24-Apr-25 Analyzed: 26-Apr-25

Benzene	2.20	0.050	mg/kg	2.00		110	82.8-130		
Toluene	2.43	0.050	mg/kg	2.00		122	86-128		
Ethylbenzene	2.62	0.050	mg/kg	2.00		131	85.9-128		BS1
m,p-Xylene	5.36	0.100	mg/kg	4.00		134	89-129		BS1
o-Xylene	2.64	0.050	mg/kg	2.00		132	86.1-125		BS1
Total Xylenes	8.00	0.150	mg/kg	6.00		133	88.2-128		BS1
Surrogate: 4-Bromofluorobenzene (PID)	0.0596		mg/kg	0.0500		119	71.5-134		

LCS Dup (5042420-BSD1)

Prepared: 24-Apr-25 Analyzed: 26-Apr-25

Benzene	2.21	0.050	mg/kg	2.00		111	82.8-130	0.476	15.8	
Toluene	2.42	0.050	mg/kg	2.00		121	86-128	0.544	15.9	
Ethylbenzene	2.58	0.050	mg/kg	2.00		129	85.9-128	1.31	16	BS-3
m,p-Xylene	5.26	0.100	mg/kg	4.00		132	89-129	1.88	16.2	BS1
o-Xylene	2.60	0.050	mg/kg	2.00		130	86.1-125	1.48	16.7	BS-3
Total Xylenes	7.86	0.150	mg/kg	6.00		131	88.2-128	1.75	16.3	BS1
Surrogate: 4-Bromofluorobenzene (PID)	0.0588		mg/kg	0.0500		118	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5042309 - General Prep - Organics**Blank (5042309-BLK1)**

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	43.6		mg/kg	50.0		87.1	44.4-145		
Surrogate: 1-Chlorooctadecane	44.1		mg/kg	50.0		88.2	40.6-153		

LCS (5042309-BS1)

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	180	10.0	mg/kg	200		89.9	81.5-123		
DRO >C10-C28	178	10.0	mg/kg	200		88.9	77.7-122		
Total TPH C6-C28	357	10.0	mg/kg	400		89.4	80.9-121		
Surrogate: 1-Chlorooctane	50.5		mg/kg	50.0		101	44.4-145		
Surrogate: 1-Chlorooctadecane	50.7		mg/kg	50.0		101	40.6-153		

LCS Dup (5042309-BS1)

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	182	10.0	mg/kg	200		91.1	81.5-123	1.42	13
DRO >C10-C28	178	10.0	mg/kg	200		89.0	77.7-122	0.201	15.6
Total TPH C6-C28	360	10.0	mg/kg	400		90.1	80.9-121	0.814	18.5
Surrogate: 1-Chlorooctane	50.4		mg/kg	50.0		101	44.4-145		
Surrogate: 1-Chlorooctadecane	52.3		mg/kg	50.0		105	40.6-153		

Batch 5042310 - General Prep - Organics**Blank (5042310-BLK1)**

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	46.9		mg/kg	50.0		93.7	44.4-145		
Surrogate: 1-Chlorooctadecane	47.9		mg/kg	50.0		95.9	40.6-153		

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Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 5042310 - General Prep - Organics**LCS (5042310-BS1)**

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	189	10.0	mg/kg	200		94.4	81.5-123		
DRO >C10-C28	177	10.0	mg/kg	200		88.3	77.7-122		
Total TPH C6-C28	365	10.0	mg/kg	400		91.4	80.9-121		
Surrogate: 1-Chlorooctane	53.2		mg/kg	50.0		106	44.4-145		
Surrogate: 1-Chlorooctadecane	54.7		mg/kg	50.0		109	40.6-153		

LCS Dup (5042310-BS1)

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	189	10.0	mg/kg	200		94.6	81.5-123	0.213	13
DRO >C10-C28	178	10.0	mg/kg	200		89.0	77.7-122	0.767	15.6
Total TPH C6-C28	367	10.0	mg/kg	400		91.8	80.9-121	0.482	18.5
Surrogate: 1-Chlorooctane	52.2		mg/kg	50.0		104	44.4-145		
Surrogate: 1-Chlorooctadecane	53.8		mg/kg	50.0		108	40.6-153		

Batch 5042311 - General Prep - Organics**Blank (5042311-BLK1)**

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	48.5		mg/kg	50.0		97.0	44.4-145		
Surrogate: 1-Chlorooctadecane	47.9		mg/kg	50.0		95.7	40.6-153		

LCS (5042311-BS1)

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	187	10.0	mg/kg	200		93.6	81.5-123		
DRO >C10-C28	193	10.0	mg/kg	200		96.7	77.7-122		
Total TPH C6-C28	381	10.0	mg/kg	400		95.2	80.9-121		
Surrogate: 1-Chlorooctane	55.5		mg/kg	50.0		111	44.4-145		
Surrogate: 1-Chlorooctadecane	54.4		mg/kg	50.0		109	40.6-153		

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BATMAN 1 CTB
Project Number: PERMIAN
Project Manager: CHRIS JONES
Fax To:

Reported:
29-Apr-25 15:52

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

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

Batch 5042311 - General Prep - Organics**LCS Dup (5042311-BSD1)**

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	188	10.0	mg/kg	200		93.8	81.5-123	0.148	13	
DRO >C10-C28	194	10.0	mg/kg	200		97.2	77.7-122	0.510	15.6	
Total TPH C6-C28	382	10.0	mg/kg	400		95.5	80.9-121	0.332	18.5	
Surrogate: 1-Chlorooctane	53.4		mg/kg	50.0		107	44.4-145			
Surrogate: 1-Chlorooctadecane	52.2		mg/kg	50.0		104	40.6-153			

Batch 5042321 - General Prep - Organics**Blank (5042321-BLK1)**

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	45.5		mg/kg	50.0		91.0	44.4-145			
Surrogate: 1-Chlorooctadecane	45.0		mg/kg	50.0		90.0	40.6-153			

LCS (5042321-BS1)

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	177	10.0	mg/kg	200		88.6	81.5-123			
DRO >C10-C28	181	10.0	mg/kg	200		90.3	77.7-122			
Total TPH C6-C28	358	10.0	mg/kg	400		89.4	80.9-121			
Surrogate: 1-Chlorooctane	50.0		mg/kg	50.0		100	44.4-145			
Surrogate: 1-Chlorooctadecane	50.1		mg/kg	50.0		100	40.6-153			

LCS Dup (5042321-BSD1)

Prepared: 23-Apr-25 Analyzed: 24-Apr-25

GRO C6-C10	181	10.0	mg/kg	200		90.6	81.5-123	2.30	13	
DRO >C10-C28	185	10.0	mg/kg	200		92.7	77.7-122	2.63	15.6	
Total TPH C6-C28	367	10.0	mg/kg	400		91.7	80.9-121	2.46	18.5	
Surrogate: 1-Chlorooctane	52.2		mg/kg	50.0		104	44.4-145			
Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	40.6-153			

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Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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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

(575) 393-23 FAX (575) 393-24/b

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM zip: 88240

Phone #: 575-964-7814

Fax #:

Project Owner:

Project Name: "Edman CTC"

Project Location: "Lee County"

Sample Name: "Hobbes Tabletop"

FOR LAB USE ONLY

P.O. #:

Company: "Palmer"

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

MATRIX

PRESERV.

SAMPLING

Lab I.D. Sample I.D.

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

TPH
BTX
CHLORIDES

1	S-S1 Z'		4/21	
2	S-S2 Z'			
3	S-S3 Z'			
4	S-S4 Z'			
5	S-S5 Z'			
6	S-S6 Z'			
7	S-S7 Z'			
8	S-S8 Z'			
9	S-S9 Z'			
10	S-S10 Z'			

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Relinquished By: Date: 4/23/05

Received By: Speediequely

Relinquished By: If L A

Date: 08/01

Received By:

Time:

REMARKS:

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

Fax Result: ☐ Yes ☒ No Add'l Fax #:

CHECKED BY: 8/

Delivered By: (Circle One) -14.03/GFD-3:

Sampler - UPS - Bus - Other: 13-72 #140



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		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 #:		State:																					
Project #:		Zip:																					
Project Name: 11		Phone #:																					
Project Location: 11		Fax #:																					
Sampler Name: 11																							
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.																					
HASSY 08		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING													
B1		S-71 1'		G		GROUNDWATER				DATE		TIME		TPH									
B2		S-72 1'				WASTEWATER				4/21				BTEX									
B3		S-73 1'				SOIL								CHLORIDES									
B4		S-74 1'				OIL																	
B5		S-75 1'				SLUDGE																	
B6		S-76 1'				OTHER :																	
B7		S-77 1'				ACID/BASE:																	
B8		S-78 1'				ICE / COOL																	
B9		S-79 1'				OTHER :																	
B0		S-80 1'																					
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Relinquished By:		Date: 4/23/25		Received By: Speedaigney		Phone Result:		☐ Yes ☐ No		Add'l Phone #:													
Relinquished By: T. C. A.		Time: 0851				Fax Result:		☐ Yes ☐ No		Add'l Fax #:													
Delivered By: (Circle One) -14.0: 140-3:		Sample Condition		CHECKED BY: (initials)																			
Sampler - UPS - Bus - Other: -13.7: #141		Cool ☒ Intact ☒		882																			
		Yes ☒ No ☒																					

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST									
Project Manager: Chris Jones		P.O. #:											
Address: 1601 N. Turner St., Ste 500		Company: 11											
City: Hobbs		Attn:											
Phone #: 575-964-7814		Address:											
Fax #: 575-964-7814		City:											
Project #: 11		State:											
Project Name: 11		Zip:											
Project Location: 11		Phone #:											
Fax #:		Zip:											
Sampler Name: 11		Fax #:											
FOR LAB USE ONLY		PRESERV.		SAMPLING									
Lab I.D.		(G)RAB OR (C)OMP.											
Sample I.D.		# CONTAINERS											
		GROUNDWATER											
		WASTEWATER											
		SOIL											
		OIL											
		SLUDGE											
		OTHER :											
		ACID/BASE:											
		ICE / COOL											
		OTHER :											
		DATE											
		TIME											
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31		4'		BTEX									
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100		5' 11"											

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Relinquished By: For LK Date: 4/23/25 Time: 0851 Received By: Stoddard

Delivered By: (Circle One) -14.0 10.0 10.3 Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No

Sampler - UPS - Bus - Other: -13.7 11.40 CHECKED BY: SK

REMARKS: * Customer suggested Depth change. 4/29/25

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:		BILL TO													
Project Manager: Chris Jones		Company: '1'		ANALYSIS REQUEST													
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: ''		Fax #:															
Sampler Name: ''																	
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV.	SAMPLING										
				GROUNDWATER													
				WASTEWATER													
				SOIL													
				OIL													
				SLUDGE													
				OTHER :													
				ACID/BASE:													
				ICE / COOL													
				OTHER :													
				DATE	TIME												
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41	NSU 12 3' 1'																
42	NSU 13 3' 1'																
43	NSU 14 3' 1'																
44	NSU 15 2'																
45	NSU 16 2'																
46	NSU 17 2'																
47	NSU 18 2'																
48	NSU 19 2'																
49	NSU 20 2'																
50	NSU 21 2'																
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Relinquished By: <i>JK</i>		Date: 4/23/25		Received By: <i>Spodkiewicz</i>		REMARKS: * Customer requested Depth changes. re 4/29/25											
Relinquished By: <i>JK</i>		Date: 4/23/25		Received By: <i>Spodkiewicz</i>		REMARKS: * Customer requested Depth changes. re 4/29/25											
Delivered By: (Circle One) - UPS - Bus - Other: <i>-14.0 i/c to 3: -13.72 #140</i>		Sample Condition: Cool ☒ Intact ☒ Yes ☐ No ☐		CHECKED BY: <i>SK</i>													

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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: U																																							
Address: 1601 N. Turner St., Ste 500		Attn:																																							
City: Hobbs		Address:																																							
Phone #: 575-964-7814		City:																																							
Fax #: 575-964-7814		State:																																							
Project #:		State:																																							
Project Name: U		Zip:																																							
Project Location: U		Phone #:																																							
Fax #:																																									
Sample Name: U		PRESERV		SAMPLING																																					
FOR LAB USE ONLY																																									
Lab I.D.		Sample I.D.																																							
51		SSW-22-1		A		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH									
52		ESW-24-1																														BTX									
53		USW-23-1																														CHLORIDES									
54		USW-24-1																																							
55		USW-25-1																																							
56		USW-26-1																																							
57		ESW-27-1																																							
58		ESW-28-1																																							
59		ESW-29-1																																							
60		ESW-30-1																																							
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Relinquished By: [Signature]		Date: 4/23/25		Received By: S. Rodriguez		Phone Result: Yes No		Add'l Phone #: Add'l Fax #:																																	
Delivered By: (Circle One) -14.00/0.3		Sample Condition: Cool Intact Yes No		CHECKED BY: [Signature]																																					
Sampler - UPS - Bus - Other: -13.71 #140		Sample Condition: Cool Intact Yes No		CHECKED BY: [Signature]																																					

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

June 10, 2025

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BATMAN 1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/04/25 11:19.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/04/2025	Sampling Date:	06/03/2025
Reported:	06/10/2025	Sampling Type:	Soil
Project Name:	BATMAN 1 CTB	Sampling Condition:	Cool & Intact
Project Number:	PERMIAN RESOURCES	Sample Received By:	Shalyn Rodriguez
Project Location:	LEA COUNTY		

Sample ID: S - 39 4' (H253329-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2025	ND	2.17	108	2.00	2.15	
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02	
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04	
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55	
Total BTX	<0.300	0.300	06/04/2025	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	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 78.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.9 % 40.6-153

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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 41 4' (H253329-02)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTX	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 42 4' (H253329-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/04/2025	ND	2.17	108	2.00	2.15	
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02	
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04	
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55	
Total BTX	<0.300	0.300	06/04/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.9 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 43 4' (H253329-04)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTEx	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.7 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 44 4' (H253329-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTX	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 80.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.1 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 45 4' (H253329-06)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTX	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.3 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 46 4' (H253329-07)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTX	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.5 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 47 4' (H253329-08)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTEx	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 76.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.7 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 48 4' (H253329-09)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTEx	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 49 4' (H253329-10)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTEx	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 85.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 50 4' (H253329-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTX	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.4 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 51 4' (H253329-12)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTEx	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 76.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 52 4' (H253329-13)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTX	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 53 4' (H253329-14)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTEx	<0.300	0.300	06/04/2025	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	48.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 74.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.4 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 54 4' (H253329-15)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTEx	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 55 4' (H253329-16)

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	06/04/2025	ND	2.17	108	2.00	2.15		
Toluene*	<0.050	0.050	06/04/2025	ND	2.00	99.9	2.00	3.02		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	2.01	100	2.00	4.04		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	6.16	103	6.00	4.55		
Total BTEx	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 62 4' (H253329-17)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6	QM-07	
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2	QM-07	
Total BTEx	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/04/2025	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	06/04/2025	ND	187	93.5	200	1.30	
DRO >C10-C28*	<10.0	10.0	06/04/2025	ND	177	88.4	200	2.26	
EXT DRO >C28-C36	<10.0	10.0	06/04/2025	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 63 4' (H253329-18)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2		
Total BTEx	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/04/2025	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	06/05/2025	ND	181	90.6	200	0.272	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	188	93.8	200	0.254	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 64 4' (H253329-19)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2		
Total BTEx	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	06/04/2025	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	06/05/2025	ND	181	90.6	200	0.272	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	188	93.8	200	0.254	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 81.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 65 4' (H253329-20)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2		
Total BTEx	<0.300	0.300	06/04/2025	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	192	16.0	06/04/2025	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	06/05/2025	ND	181	90.6	200	0.272	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	188	93.8	200	0.254	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 66 4' (H253329-21)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2		
Total BTEx	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	06/04/2025	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	06/05/2025	ND	181	90.6	200	0.272	
DRO >C10-C28*	28.6	10.0	06/05/2025	ND	188	93.8	200	0.254	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 86.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 67 4' (H253329-22)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2		
Total BTEX	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	1040	16.0	06/04/2025	ND	432	108	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	181	90.6	200	0.272	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	188	93.8	200	0.254	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 77.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 68 4' (H253329-23)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2		
Total BTEx	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	144	16.0	06/04/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	181	90.6	200	0.272	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	188	93.8	200	0.254	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 81.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.6 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 69 4' (H253329-24)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2		
Total BTEx	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	160	16.0	06/04/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/06/2025	ND	181	90.6	200	0.272	
DRO >C10-C28*	<10.0	10.0	06/06/2025	ND	188	93.8	200	0.254	
EXT DRO >C28-C36	<10.0	10.0	06/06/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 70 4' (H253329-25)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2		
Total BTEx	<0.300	0.300	06/04/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	06/04/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	181	90.6	200	0.272	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	188	93.8	200	0.254	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 71 4' (H253329-26)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2		
Total BTX	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	544	16.0	06/04/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	181	90.6	200	0.272	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	188	93.8	200	0.254	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 75.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/03/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 72 4' (H253329-27)

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	06/04/2025	ND	1.68	84.1	2.00	13.3		
Toluene*	<0.050	0.050	06/04/2025	ND	1.76	88.1	2.00	13.0		
Ethylbenzene*	<0.050	0.050	06/04/2025	ND	1.75	87.3	2.00	12.6		
Total Xylenes*	<0.150	0.150	06/04/2025	ND	5.13	85.6	6.00	13.2		
Total BTEx	<0.300	0.300	06/04/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	06/04/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	181	90.6	200	0.272	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	188	93.8	200	0.254	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 80.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.4 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:		BILL TO																																			
Project Manager: Chris Jones																																							
Address: 1601 N. Turner St., Ste 500		Company: Permian Resources																																					
City: Hobbs		Attn:																																					
Phone #: 575-964-7814		Address:																																					
Fax #:																																							
Project #:		City:																																					
Project Name: Batman 1 CTS		State:																																					
Project Location: Lea County		Zip:																																					
Sampler Name: Francisco Robledo		Phone #:																																					
Fax #:																																							
FOR LAB USE ONLY																																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		ANALYSIS REQUEST									
HKS3389		5-39 4'		C																						12/23				TPH BTEX CHLORIDES									
1		5-41 4'																																					
2		5-42 4'																																					
3		5-43 4'																																					
4		5-44 4'																																					
5		5-45 4'																																					
6		5-46 4'																																					
7		5-47 4'																																					
8		5-48 4'																																					
9		5-49 4'																																					
10		5-49 4'																																					
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Relinquished By: <i>for h h</i>		Date: 6-1-25		Received By: <i>Stedaigner</i>		Time: 11:19		Date:		Time:		Received By:		Time:		Sample Condition		Cool		Intact		Checked By: <i>82</i>		Phone Result: ☐ Yes ☐ No		Fax Result: ☐ Yes ☐ No		Add'l Phone #:		Add'l Fax #:		REMARKS:							
Delivered By: (Circle One)		-4.3/c to 0.3																																					
Sampler - UPS - Bus - Other:		-4.0 #140																																					

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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(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		P.O. #:		BILL TO																																			
Project Manager: Chris Jones		Company: "		ANALYSIS REQUEST																																			
Address: 1601 N. Turner St., Ste 500		Attn:																																					
City: Hobbs		Address:																																					
Phone #: 575-964-7814		City:																																					
Fax #:		State:																																					
Project #:		Zip:																																					
Project Name: "		Phone #:																																					
Project Location: "		Fax #:																																					
Sampler Name: "																																							
FOR LAB USE ONLY																																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		BTEX TPH CHLORIDES									
1153339		5-66 4'		c																						6/03													
21		5-67 4'																																					
22		5-68 4'																																					
23		5-69 4'																																					
24		5-70 4'																																					
25		5-71 4'																																					
26		5-72 4'																																					
27																																							
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Relinquished By:		Date: 6/2/05		Received By:		Date: 6/2/05		Sample Condition		Checked By:		Phone Result:		Fax Result:		Add'l Phone #:		REMARKS:																					
Time: 11:19				Time: 11:19				Cool Intact		(Initials)		☐ Yes ☐ No		☐ Yes ☐ No																									
Relinquished By:		Date:		Received By:		Date:		Sample Condition		Checked By:		Phone Result:		Fax Result:		Add'l Phone #:																							
Time:				Time:				Cool Intact		(Initials)		☐ Yes ☐ No		☐ Yes ☐ No																									
Delivered By: (Circle One)		-4-3-0-3-		-4-3-0-3-		-4-3-0-3-		Sample Condition		Checked By:		Phone Result:		Fax Result:		Add'l Phone #:																							
Sampler - UPS - Bus - Other:		-4-3-0-3-		-4-3-0-3-		-4-3-0-3-		Cool Intact		(Initials)		☐ Yes ☐ No		☐ Yes ☐ No																									
Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326																																							



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

June 10, 2025

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BATMAN 1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/04/25 16:24.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 4 10' (H253353-01)

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	06/06/2025	ND	1.98	98.9	2.00	7.85	
Toluene*	<0.050	0.050	06/06/2025	ND	1.99	99.7	2.00	11.8	
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.00	100	2.00	14.0	
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.22	104	6.00	14.9	
Total BTEX	<0.300	0.300	06/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/05/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	211	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	197	98.3	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 72.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.0 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 8 10' (H253353-02)

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	06/06/2025	ND	1.98	98.9	2.00	7.85		
Toluene*	<0.050	0.050	06/06/2025	ND	1.99	99.7	2.00	11.8		
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.00	100	2.00	14.0		
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.22	104	6.00	14.9		
Total BTEx	<0.300	0.300	06/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	06/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	211	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	197	98.3	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 71.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.8 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 21 10' (H253353-03)

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	06/06/2025	ND	1.98	98.9	2.00	7.85		
Toluene*	<0.050	0.050	06/06/2025	ND	1.99	99.7	2.00	11.8		
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.00	100	2.00	14.0		
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.22	104	6.00	14.9		
Total BTEx	<0.300	0.300	06/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	06/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	211	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	197	98.3	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.2 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 22 10' (H253353-04)

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	06/06/2025	ND	1.98	98.9	2.00	7.85	
Toluene*	<0.050	0.050	06/06/2025	ND	1.99	99.7	2.00	11.8	
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.00	100	2.00	14.0	
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.22	104	6.00	14.9	
Total BTEx	<0.300	0.300	06/06/2025	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	32.0	16.0	06/05/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	211	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	197	98.3	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 73.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 23 10' (H253353-05)

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	06/06/2025	ND	1.98	98.9	2.00	7.85	
Toluene*	<0.050	0.050	06/06/2025	ND	1.99	99.7	2.00	11.8	
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.00	100	2.00	14.0	
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.22	104	6.00	14.9	
Total BTEx	<0.300	0.300	06/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	211	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	197	98.3	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 73.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.4 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 24 10' (H253353-06)

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	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTEX	<0.300	0.300	06/05/2025	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	06/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	211	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	197	98.3	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 73.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 25 10' (H253353-07)

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	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTEx	<0.300	0.300	06/05/2025	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	32.0	16.0	06/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	211	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	197	98.3	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 81.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 26 10' (H253353-08)

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	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTX	<0.300	0.300	06/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	211	105	200	2.64	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	197	98.3	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.8 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 27 10' (H253353-09)

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	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTX	<0.300	0.300	06/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/05/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.0 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 28 10' (H253353-10)

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	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTEX	<0.300	0.300	06/05/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/05/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 30 9' (H253353-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTX	<0.300	0.300	06/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 79.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.0 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 39 10' (H253353-12)

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	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTX	<0.300	0.300	06/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 90.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.9 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 41 10' (H253353-13)

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	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTEX	<0.300	0.300	06/05/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 60.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 42 10' (H253353-14)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTX	<0.300	0.300	06/05/2025	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	64.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 43 10' (H253353-15)

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	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTEX	<0.300	0.300	06/05/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 44 10' (H253353-16)

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	06/05/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50		
Total BTEX	<0.300	0.300	06/05/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 91.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 46 10' (H253353-18)

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	06/05/2025	ND	2.08	104	2.00	3.06	
Toluene*	<0.050	0.050	06/05/2025	ND	2.17	108	2.00	3.46	
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.14	107	2.00	2.61	
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.61	110	6.00	2.50	
Total BTEx	<0.300	0.300	06/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 47 10' (H253353-19)

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	06/06/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.61	110	6.00	2.50		
Total BTEX	<0.300	0.300	06/06/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 92.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 48 10' (H253353-20)

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	06/06/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.61	110	6.00	2.50		
Total BTX	<0.300	0.300	06/06/2025	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	96.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 49 10' (H253353-21)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/06/2025	ND	2.08	104	2.00	3.06	
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	3.46	
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.14	107	2.00	2.61	
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.61	110	6.00	2.50	
Total BTX	<0.300	0.300	06/06/2025	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	96.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 93.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 50 10' (H253353-22)

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	06/06/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.61	110	6.00	2.50		
Total BTEx	<0.300	0.300	06/06/2025	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	80.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 51 10' (H253353-23)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/06/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.61	110	6.00	2.50		
Total BTX	<0.300	0.300	06/06/2025	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	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 52 10' (H253353-24)

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	06/06/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.61	110	6.00	2.50		
Total BTEx	<0.300	0.300	06/06/2025	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	80.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 53 10' (H253353-25)

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	06/06/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.61	110	6.00	2.50		
Total BTEx	<0.300	0.300	06/06/2025	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	64.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.6 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 54 10' (H253353-26)

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	06/06/2025	ND	2.08	104	2.00	3.06		
Toluene*	<0.050	0.050	06/06/2025	ND	2.17	108	2.00	3.46		
Ethylbenzene*	<0.050	0.050	06/06/2025	ND	2.14	107	2.00	2.61		
Total Xylenes*	<0.150	0.150	06/06/2025	ND	6.61	110	6.00	2.50		
Total BTEx	<0.300	0.300	06/06/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 55 10' (H253353-27)

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	06/05/2025	ND	2.12	106	2.00	1.34	
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86	
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20	
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99	
Total BTEX	<0.300	0.300	06/05/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 91.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.5 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 62 7' (H253353-28)

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	06/05/2025	ND	2.12	106	2.00	1.34		
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99		
Total BTEX	<0.300	0.300	06/05/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.6 % 40.6-153

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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: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 63 7' (H253353-29)

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	06/05/2025	ND	2.12	106	2.00	1.34		
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99		
Total BTEx	<0.300	0.300	06/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/05/2025	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	06/05/2025	ND	211	105	200	0.0261	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	200	100	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 91.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 64 7' (H253353-30)

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	06/05/2025	ND	2.12	106	2.00	1.34	
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86	
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20	
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99	
Total BTEx	<0.300	0.300	06/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/05/2025	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	06/05/2025	ND	193	96.5	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	187	93.7	200	0.294	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 65 7' (H253353-31)

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	06/05/2025	ND	2.12	106	2.00	1.34	
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86	
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20	
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99	
Total BTEx	<0.300	0.300	06/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/05/2025	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	06/05/2025	ND	193	96.5	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	187	93.7	200	0.294	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 66 7' (H253353-32)

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	06/05/2025	ND	2.12	106	2.00	1.34		
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99		
Total BTEx	<0.300	0.300	06/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	06/05/2025	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	06/05/2025	ND	193	96.5	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	187	93.7	200	0.294	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 75.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 67 8' (H253353-33)

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	06/05/2025	ND	2.12	106	2.00	1.34	
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86	
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20	
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99	
Total BTEx	<0.300	0.300	06/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	06/05/2025	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	06/05/2025	ND	193	96.5	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	187	93.7	200	0.294	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.4 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 68 8' (H253353-34)

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	06/05/2025	ND	2.12	106	2.00	1.34		
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86		
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20		
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99		
Total BTEx	<0.300	0.300	06/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	06/05/2025	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	06/05/2025	ND	193	96.5	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	187	93.7	200	0.294	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 69 8' (H253353-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/05/2025	ND	2.12	106	2.00	1.34	
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86	
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20	
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99	
Total BTEX	<0.300	0.300	06/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	06/05/2025	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	06/05/2025	ND	193	96.5	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	187	93.7	200	0.294	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 70 8' (H253353-36)

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	06/05/2025	ND	2.12	106	2.00	1.34	
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86	
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20	
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99	
Total BTEx	<0.300	0.300	06/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	06/05/2025	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	06/05/2025	ND	193	96.5	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	187	93.7	200	0.294	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 86.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 71 8' (H253353-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/05/2025	ND	2.12	106	2.00	1.34	
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86	
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20	
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99	
Total BTEx	<0.300	0.300	06/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	06/05/2025	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	06/05/2025	ND	193	96.5	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	187	93.7	200	0.294	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 84.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/04/2025
Reported: 06/10/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 72 7' (H253353-38)

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	06/05/2025	ND	2.12	106	2.00	1.34	
Toluene*	<0.050	0.050	06/05/2025	ND	1.97	98.4	2.00	1.86	
Ethylbenzene*	<0.050	0.050	06/05/2025	ND	2.00	100	2.00	2.20	
Total Xylenes*	<0.150	0.150	06/05/2025	ND	6.14	102	6.00	1.99	
Total BTEx	<0.300	0.300	06/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	06/05/2025	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	06/05/2025	ND	193	96.5	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/05/2025	ND	187	93.7	200	0.294	
EXT DRO >C28-C36	<10.0	10.0	06/05/2025	ND					

Surrogate: 1-Chlorooctane 82.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

Cardinal Laboratories

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST																																					
Project Manager: Chris Jones		P.O. #:																																							
Address: 1601 N. Turner St., Ste 500		Company: <u>Permian Resources</u>																																							
City: Hobbs		Attn:																																							
Phone #: 575-964-7814		Address:																																							
Fax #:		City:																																							
Project #:		State:																																							
Project Name: <u>Betman 1 CTB</u>		Zip:																																							
Project Location: <u>Lea County</u>		Phone #:																																							
Sample Name: <u>Francisco Robledo</u>		Fax #:																																							
FOR LAB USE ONLY		PRESERV		SAMPLING																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
1		5-4 10'		C																						6/04				TPH											
2		5-8 10'																												BTEX											
3		5-21 10'																												CHLORIDES											
4		5-22 10'																																							
5		5-23 10'																																							
6		5-24 10'																																							
7		5-25 10'																																							
8		5-26 10'																																							
9		5-29 10'																																							
10		5-28 10'																																							
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated remedies or otherwise.		Relinquished By: <u>Chris Jones</u>		Date: <u>6/04</u>		Received By: <u>APR</u>		Time: <u>10:45</u>		Date: <u>6/04</u>		Time: <u>10:45</u>		Sample Condition		Cool Intact		Yes ☒ No ☐		CHECKED BY: <u>APR</u>		Phone Result: ☐ Yes ☐ No ☐		Fax Result: ☐ Yes ☐ No ☐		Add'l Phone #:		Add'l Fax #:		REMARKS:											
Delivered By: (Circle One)		Sic <u>Lea</u>		Cass <u>33</u>																																					
Sampler - UPS - Bus - Other: <u>Sic #140</u>																																									

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST	
Project Manager: Chris Jones		P.O. #:			
Address: 1601 N. Turner St., Ste 500		Company: 11			
City: Hobbs		Attn:			
State: NM zip: 88240		Address:			
Phone #: 575-964-7814		City:			
Fax #:		State:			
Project #:		Zip:			
Project Name: 11		Phone #:			
Project Location: 11		Fax #:			
Sampler Name: 11					

FOR LAB USE ONLY		MATRIX		PRESERV	SAMPLING		
Lab I.D.		Sample I.D.					
H3S3358		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL
				SLUDGE	OTHER :	ACID/BASE:	ICE / COOL
						OTHER :	
11	5-36 9'	C		DATE	TIME	THH	BTEX
12	5-39 10'			06/04		CHLORIDES	
13	5-41 10'						
14	5-42 10'						
15	5-43 10'						
16	5-44 10'						
17	5-45 10'						
18	5-46 10'						
19	5-47 10'						
20	5-48 10'						

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Fr</i>	Date: <i>4-4-05</i>	Received By: <i>APD</i>	Phone Result: ☐ Yes ☐ No	Add'l Phone #: <i>6-4-05</i>
Relinquished By: <i>Fr</i>	Date: <i>4-4-05</i>	Received By: <i>APD</i>	Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>5-4-05</i>	Time: <i>4:30</i>	Sample Condition Cool ☐ Intact ☐ Yes ☐ No ☐	CHECKED BY: <i>AP</i>	REMARKS: #17 sample jar was empty. removed from C.O.C. + customer speeded up. <i>6-4-05</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

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs Phone #: 575-964-7814 Fax #: State: NM Zip: 88240 Attn: Address: City: State: Zip: Phone #: Fax #:				BILL TO				ANALYSIS REQUEST			
Project Name: Project Location: Sampler Name:				FOR LAB USE ONLY				TPH BTEX CHLORIDES			
Lab I.D. Sample I.D.				Matrix (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				DATE TIME			
11-25-03 21 5-45 10' 22 5-50 10' 23 5-51 10' 24 5-52 10' 25 5-53 10' 26 5-54 10' 27 5-55 10' 28 5-56 7' 29 5-57 7' 30 5-58 7'				C _____ _____ _____ _____ _____ _____ _____ _____ _____ _____				6:00 AM _____ _____ _____ _____ _____ _____ _____ _____ _____ _____			
Relinquished By: Date: 11-25-03 Time: 11:00 AM Received By: [Signature] Date: _____ Time: _____				REMARKS: Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No Add'l Phone #: _____ Add'l Fax #: _____				DELIVERED BY: (Circle One) Sampler - UPS - Bus - Other:			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST																			
Project Manager: Chris Jones		P.O. #:																					
Address: 1601 N. Turner St., Ste 500		Company: 11																					
City: Hobbs		Attn:																					
Phone #: 575-964-7814		Address:																					
Fax #: 575-964-7814		City:																					
Project #:		State:																					
Project Name:		Zip:																					
Project Location:		Phone #:																					
Fax #:																							
Sample Name: 4		Fax #:																					
FOR LAB USE ONLY																							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		MATRIX		PRESERV.		SAMPLING															
		# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :												
31	5-65 7'	1									DATE	TIME											
32	5-66 7'	1									06/04												
33	5-67 8'	1																					
34	5-68 8'	1																					
35	5-69 8'	1																					
36	5-70 8'	1																					
37	5-71 8'	1																					
38	5-72 7'	1																					
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																							
Relinquished By:		Date: 10-4-25		Received By:		Phone Result:		Fax Result:		REMARKS:													
Time: 10:04						☐ Yes ☐ No		☐ Yes ☐ No															
Relinquished By: [Signature]		Date: 10/04		Received By: [Signature]																			
Time:																							
Delivered By: (Circle One) 5-12 / 4:03-		Sample Condition		CHECKED BY:																			
Cool ☒ Intact ☒		Yes ☒ No ☐		[Signature]																			
Sampler - UPS - Bus - Other: 5-42 / #1111																							

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



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

June 17, 2025

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BATMAN 1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/11/25 16:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/11/2025
Reported: 06/17/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 06/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 45 10' (H253480-01)

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	06/12/2025	ND	2.13	107	2.00	12.7		
Toluene*	<0.050	0.050	06/12/2025	ND	1.96	98.2	2.00	13.3		
Ethylbenzene*	<0.050	0.050	06/12/2025	ND	2.00	99.8	2.00	11.3		
Total Xylenes*	<0.150	0.150	06/12/2025	ND	6.17	103	6.00	10.4		
Total BTEx	<0.300	0.300	06/12/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	06/12/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/12/2025	ND	229	115	200	0.385	
DRO >C10-C28*	<10.0	10.0	06/12/2025	ND	206	103	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	06/12/2025	ND					

Surrogate: 1-Chlorooctane 95.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.2 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500
State: NM zip: 88240

City: Hobbs

Phone #: 575-964-7814

Project #: 1 CTB

Project Name: Bother

Project Location: Lea County

Sampler Name: Franke Koble

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

1053480

5-45 10'

(G) RAB OR (C) OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

6/6/04

1

1

1

1

1

1

1

1

1

1

1

1

TPH
BTEX
CHLORIDES

BILL TO

P.O. #:

Company: Permin (Leas) Co

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

PRESERV

SAMPLING

ANALYSIS REQUEST

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Relinquished By:

Received By:

Date:

Time:

Date:

Time:

Received By:

Date:

Time:

Date:

Time:

Sample Condition

Cool

Intact

Yes

No

CHECKED BY:

(Initials)

AP

Delivered By: (Circle One) 3.0: 10:0-3:0

59: 140

REMARKS:

Phone Result:

Yes

No

Yes

No

Add'l Phone #:

Add'l Fax #:

Yes

No

Add'l Phone #:

Add'l Fax #:



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

October 02, 2025

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BATMAN CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/26/25 8:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/26/2025	Sampling Date:	09/22/2025
Reported:	10/02/2025	Sampling Type:	Soil
Project Name:	BATMAN CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	PERMIAN RESOURCES - LEA COUNTY		

Sample ID: BACKFILL #1 (H256032-01)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2025	ND	1.98	98.8	2.00	0.531	
Toluene*	<0.050	0.050	09/27/2025	ND	2.00	100	2.00	0.463	
Ethylbenzene*	<0.050	0.050	09/27/2025	ND	1.97	98.7	2.00	0.329	
Total Xylenes*	<0.150	0.150	09/27/2025	ND	5.85	97.4	6.00	0.277	
Total BTX	<0.300	0.300	09/27/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

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	09/26/2025	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/26/2025	ND	214	107	200	1.47	
DRO >C10-C28*	<10.0	10.0	09/26/2025	ND	206	103	200	0.0501	
EXT DRO >C28-C36	<10.0	10.0	09/26/2025	ND					

Surrogate: 1-Chlorooctane 89.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Targen Environmental</u>		BILL TO		ANALYSIS REQUEST											
Project Manager: <u>Chris Jones</u>		P.O. #:													
Address: <u>1601 N. Turner</u>		Company: <u>Perrin Rec.</u>													
City: <u>Hobbs</u>		Attn: <u></u>													
State: <u>NM</u>		Addr. ss:													
Zip: <u>88240</u>		City:													
Phone #: <u>575-691-6977</u>		State:													
Fax #: <u></u>		Zip:													
Project #: <u></u>		Phone #:													
Project Name: <u>Batman CTB</u>		Fax #:													
Project Location: <u>Batman CTB</u>															
Sampler Name: <u>April D. Jones</u>															
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV.	SAMPLING								
<u>HSC0030</u>	<u>Backfill #1</u>	<u>1</u>	<u>1</u>	GROUNDWATER				DATE	TIME						
				WASTEWATER				<u>9/12</u>		<u>TPH</u>	<u>BTEX</u>	<u>Chlorides</u>			
				SOIL											
				OIL											
				SLUDGE											
				OTHER:											
				ACID/BASE:											
				ICE / COOL											
				OTHER:											

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Relinquished By: <u>[Signature]</u>	Date: <u>9/10/03</u>	Received By: <u>[Signature]</u>	Date: <u>9/10/03</u>	Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #:
Relinquished By: <u>[Signature]</u>	Date: <u>9/10/03</u>	Received By: <u>[Signature]</u>	Date: <u>9/10/03</u>	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)	Observed Temp. °C: <u>8.5</u>	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:
Sampler - UPS - Bus - Other:	Corrected Temp. °C: <u>3.1</u>	Cool ☒ Intact ☐ Yes ☐ No ☐	<u>AP</u>	Standard ☒ Rush ☐
FOR CARDINAL USE ONLY				Bacteria (only) Sample Condition
				Cool ☐ Intact ☐ Yes ☐ No ☐
				Observed Temp. °C
				Corrected Temp. °C

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



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

August 08, 2025

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: BATMAN 1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/04/25 14:38.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW - 15 4' (H254742-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/05/2025	ND	1.84	92.2	2.00	4.23	
Toluene*	<0.050	0.050	08/05/2025	ND	1.92	96.1	2.00	3.84	
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.94	97.0	2.00	4.27	
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.73	95.5	6.00	4.21	
Total BTEx	<0.300	0.300	08/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	08/05/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.3 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW - 16 4' (H254742-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.84	92.2	2.00	4.23		
Toluene*	<0.050	0.050	08/05/2025	ND	1.92	96.1	2.00	3.84		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.94	97.0	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.73	95.5	6.00	4.21		
Total BTX	<0.300	0.300	08/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/05/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW - 17 4' (H254742-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.84	92.2	2.00	4.23		
Toluene*	<0.050	0.050	08/05/2025	ND	1.92	96.1	2.00	3.84		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.94	97.0	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.73	95.5	6.00	4.21		
Total BTEX	<0.300	0.300	08/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	08/05/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 85.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW - 18 4' (H254742-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.84	92.2	2.00	4.23		
Toluene*	<0.050	0.050	08/05/2025	ND	1.92	96.1	2.00	3.84		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.94	97.0	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.73	95.5	6.00	4.21		
Total BTX	<0.300	0.300	08/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW - 19 4' (H254742-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.84	92.2	2.00	4.23		
Toluene*	<0.050	0.050	08/05/2025	ND	1.92	96.1	2.00	3.84		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.94	97.0	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.73	95.5	6.00	4.21		
Total BTX	<0.300	0.300	08/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 85.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW - 20 4' (H254742-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.84	92.2	2.00	4.23		
Toluene*	<0.050	0.050	08/05/2025	ND	1.92	96.1	2.00	3.84		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.94	97.0	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.73	95.5	6.00	4.21		
Total BTEx	<0.300	0.300	08/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.6 % 40.6-153

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Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW - 21 4' (H254742-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.60	80.1	2.00	8.94		
Toluene*	<0.050	0.050	08/05/2025	ND	1.67	83.5	2.00	5.69		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.70	84.9	2.00	4.74		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.21	86.8	6.00	4.10		
Total BTEx	<0.300	0.300	08/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 87.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.0 % 40.6-153

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Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SSW - 22 4' (H254742-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.60	80.1	2.00	8.94		
Toluene*	<0.050	0.050	08/05/2025	ND	1.67	83.5	2.00	5.69		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.70	84.9	2.00	4.74		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.21	86.8	6.00	4.10		
Total BTEx	<0.300	0.300	08/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 85.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: WSW - 23 4' (H254742-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.60	80.1	2.00	8.94		
Toluene*	<0.050	0.050	08/05/2025	ND	1.67	83.5	2.00	5.69		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.70	84.9	2.00	4.74		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.21	86.8	6.00	4.10		
Total BTEX	<0.300	0.300	08/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW - 24 4' (H254742-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.60	80.1	2.00	8.94		
Toluene*	<0.050	0.050	08/05/2025	ND	1.67	83.5	2.00	5.69		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.70	84.9	2.00	4.74		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.21	86.8	6.00	4.10		
Total BTEX	<0.300	0.300	08/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW - 25 4' (H254742-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.60	80.1	2.00	8.94		
Toluene*	<0.050	0.050	08/05/2025	ND	1.67	83.5	2.00	5.69		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.70	84.9	2.00	4.74		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.21	86.8	6.00	4.10		
Total BTEX	<0.300	0.300	08/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/05/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	205	102	200	2.61	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	202	101	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: NSW - 26 4' (H254742-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.60	80.1	2.00	8.94		
Toluene*	<0.050	0.050	08/05/2025	ND	1.67	83.5	2.00	5.69		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.70	84.9	2.00	4.74		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.21	86.8	6.00	4.10		
Total BTEX	<0.300	0.300	08/05/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	199	99.3	200	4.62	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	195	97.7	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW - 27 4' (H254742-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.60	80.1	2.00	8.94		
Toluene*	<0.050	0.050	08/05/2025	ND	1.67	83.5	2.00	5.69		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.70	84.9	2.00	4.74		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.21	86.8	6.00	4.10		
Total BTEx	<0.300	0.300	08/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	199	99.3	200	4.62	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	195	97.7	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 81.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW - 28 4' (H254742-14)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.60	80.1	2.00	8.94		
Toluene*	<0.050	0.050	08/05/2025	ND	1.67	83.5	2.00	5.69		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.70	84.9	2.00	4.74		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.21	86.8	6.00	4.10		
Total BTX	<0.300	0.300	08/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/05/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	199	99.3	200	4.62	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	195	97.7	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.9 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW - 29 4' (H254742-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.60	80.1	2.00	8.94		
Toluene*	<0.050	0.050	08/05/2025	ND	1.67	83.5	2.00	5.69		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.70	84.9	2.00	4.74		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.21	86.8	6.00	4.10		
Total BTEX	<0.300	0.300	08/05/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	199	99.3	200	4.62	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	195	97.7	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/04/2025
Reported: 08/08/2025
Project Name: BATMAN 1 CTB
Project Number: PERMIAN RESOURCES
Project Location: LEA COUNTY

Sampling Date: 08/04/2025
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: ESW - 30 4' (H254742-16)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/05/2025	ND	1.60	80.1	2.00	8.94		
Toluene*	<0.050	0.050	08/05/2025	ND	1.67	83.5	2.00	5.69		
Ethylbenzene*	<0.050	0.050	08/05/2025	ND	1.70	84.9	2.00	4.74		
Total Xylenes*	<0.150	0.150	08/05/2025	ND	5.21	86.8	6.00	4.10		
Total BTX	<0.300	0.300	08/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/05/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/05/2025	ND	199	99.3	200	4.62	
DRO >C10-C28*	<10.0	10.0	08/05/2025	ND	195	97.7	200	4.10	
EXT DRO >C28-C36	<10.0	10.0	08/05/2025	ND					

Surrogate: 1-Chlorooctane 87.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

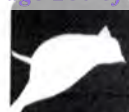
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs Phone #: 575-964-7814 Fax #:				P.O. #: Company: Permian Attn: Address: City: State: NM Zip: 88240 Phone #: Fax #:			
Project #: Project Owner:				Project Name: Batman 1 CTS Project Location: Lea County Sample Name: Francisco Ropedo			
FOR LAB USE ONLY							
Lab I.D. Sample I.D.		Matrix ☐ GROUNDWATER ☐ WASTEWATER ☐ SOIL ☐ OIL ☐ SLUDGE ☐ OTHER :		☐ (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE TIME	
Relinquished By: Date: Time:		Received By: Date: Time:		Sample Condition ☐ Cool ☐ Intact ☐ Yes ☐ No		CHECKED BY: (Initials)	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Relinquished By: Date: Time:		Received By: Date: Time:		REMARKS:	
Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No		Add'l Phone #: Add'l Fax #:		ANALYSIS REQUEST TPH BTEX CHLORIDES			



Released to Imaging: 2/18/2026 9:42:20 AM

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 538466

QUESTIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 538466
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2504336953
Incident Name	NAPP2504336953 BATMAN CTB 1 @ FAPP2317035109
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2317035109] BATMAN CTB 1

Location of Release Source*Please answer all the questions in this group.*

Site Name	Batman CTB 1
Date Release Discovered	02/12/2025
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: Equipment Failure Fitting Produced Water Released: 165 BBL Recovered: 40 BBL Lost: 125 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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)	Not answered.

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, Page 2

Action 538466

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 538466
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 12/29/2025
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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>

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Oil Conservation Division
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QUESTIONS, Page 3

Action 538466

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 538466
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	8400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	172
GRO+DRO (EPA SW-846 Method 8015M)	138
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1

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	04/08/2025
On what date will (or did) the final sampling or liner inspection occur	08/04/2025
On what date will (or was) the remediation complete(d)	10/07/2025
What is the estimated surface area (in square feet) that will be reclaimed	15850
What is the estimated volume (in cubic yards) that will be reclaimed	2132
What is the estimated surface area (in square feet) that will be remediated	15850
What is the estimated volume (in cubic yards) that will be remediated	2132

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 538466

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 538466
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<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: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 12/29/2025
<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 538466

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 538466
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS, Page 6

Action 538466

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 538466
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	490520
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/04/2025
What was the (estimated) number of samples that were to be gathered	16
What was the sampling surface area in square feet	3200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	15850
What was the total volume (cubic yards) remediated	2132
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	15850
What was the total volume (in cubic yards) reclaimed	2132
Summarize any additional remediation activities not included by answers (above)	Remediation has been completed at the site.
<i>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>	
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: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 12/29/2025

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QUESTIONS, Page 7

Action 538466

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 538466
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	15850
What was the total volume of replacement material (in cubic yards) for this site	2132
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	04/01/2026
Summarize any additional reclamation activities not included by answers (above)	Reclamation has been completed at the site. The site will be reseeded during the first favorable growing season.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</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. 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: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 12/29/2025

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QUESTIONS, Page 8

Action 538466

QUESTIONS (continued)

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 538466
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 538466

CONDITIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 538466
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your reclamation/remediation closure report for Incident #NAPP2504336953 Batman CTB 1, thank you. The reclamation/remediation closure report is approved.	2/18/2026