

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

Length(Ft)	Width(Ft)	Depth(In)
<u>300.000</u>	<u>100.000</u>	<u>6.000</u>
Cubic Feet Impacted		<u>15000.000</u>
Barrels		<u>2671.42</u>
Soil Type		Clay/Sand
Bbls Assuming 100% Saturation		<u>400.71</u>
Saturation	Fluid present when squeezed	
Estimated Barrels Released		200.40000

Instructions

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

(For data gathering instructions see appendix tab)

Measurements

Length (ft)	300
Width (ft)	100
Depth (in)	6.000









August 16, 2024

NMOCD District 2
Mike Bratcher
Artesia, NM 88210

Bureau of Land Management
Crisha Morgan
Carlsbad Field Office

Re: Site Assessment, Remediation, and Closure Request
Mohawk Fed TB
Lease # 055259
GPS: Latitude 32.830005 Longitude -103.95033
UL "M", Sec. 14, T17S, R30E
Eddy County, NM
NMOCD Ref. No. nAPP2216527460

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

Release Details			
Type of Release:	Produced Water	Volume of Release:	200 bbls
		Volume Recovered:	100 bbls
Source of Release:	Poly Pipe Failure	Date of Release:	6/13/22
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	NMOCD
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	Federal	Mineral Owner:	Federal
The cause of the release was the failure of the 2-inch poly pipe on the discharge side of the water pump.			

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

REGULATORY FRAMEWORK & SITE CHARACTERIZATION

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

- Depth to Groundwater in the affected area 100-500'
- Method to determine DTW USGS
- Did the release impact groundwater or surface water No

Depth to groundwater information is provided in Appendix A.

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

- A Continuously flowing watercourse or any other significant watercourse- > 5 Mile
- Any lakebed, sinkhole, or playa lake- >5 mi
- An occupied permanent residence, school, hospital, institution, or church- >5 mi
- A spring or a private domestic fresh water well used by less than 5 households for domestic or stock watering purposes- >5 mi
- Any other fresh water well or spring- >5 mi
- Incorporated municipal boundaries or a defined municipal fresh water well field- 1-5 mi
- A wetland- >5 mi
- A subsurface mine- >5 mi
- An (non-karst) unstable area- 1-5mi
- Categorize the risk of this well/site being in a karst area geology- 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 Quaternary Formation- Eolian deposits (Holocene to middle Pleistocene). The soil in this area is made up of Kermit-Berino fine sands, 0 to 3 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are excessively drained. There is NOT a high potential for karst geology to be present around the Mohawk (Figure 3).

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

INITIAL SITE ASSESSMENT

On April 3, 2023, Paragon went to the Mohawk to conduct an initial site assessment and obtained soil samples. During the initial site assessment, ninety-nine (99) soil samples were collected in the spill zone, labeled S. During the process of obtaining these samples they were field tested to either find clean or sample to a depth of 4-5 feet BGS in an effort to determine the vertical extent of soil impact. We obtained an additional eighteen composite horizontal samples labeled SW. These samples were subsequently submitted to an approved laboratory for analysis. A table summarizing the laboratory analytical results from the soil samples collected during the above-stated activities is provided below:

4/3/23 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 4-3-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S-1	4	ND	ND	ND	ND	ND	ND	368
S-2	4	ND	ND	ND	ND	ND	ND	3200
S-3	4	ND	ND	ND	ND	ND	ND	192
S-4	4	ND	ND	ND	ND	ND	ND	416
S-5	4	ND	ND	ND	ND	ND	ND	1070
S-6	4	ND	ND	ND	ND	ND	ND	656
S-7	4	ND	ND	ND	ND	ND	ND	448
S-8	4	ND	ND	ND	ND	ND	ND	2160
S-9	4	ND	ND	ND	ND	ND	ND	640
S-10	4	ND	ND	ND	ND	ND	ND	320
S-11	4	ND	ND	ND	ND	ND	ND	832
S-12	4	ND	ND	ND	ND	ND	ND	560
S-13	4	ND	ND	ND	ND	ND	ND	144
S-14	4	ND	ND	ND	ND	ND	ND	544
S-15	4	ND	ND	ND	ND	ND	ND	3360
S-16	4	ND	ND	ND	ND	ND	ND	2200
S-17	4	ND	ND	ND	ND	ND	ND	48
S-18	4	ND	ND	ND	ND	ND	ND	432
S-19	4	ND	ND	ND	ND	ND	ND	320
S-20	4	ND	ND	ND	ND	ND	ND	5600
S-21	4	ND	ND	ND	ND	ND	ND	400
S-22	4	ND	ND	ND	ND	ND	ND	848
S-23	4	ND	ND	ND	ND	ND	ND	32
S-24	4	ND	ND	ND	ND	ND	ND	1920
S-25	4	ND	ND	ND	ND	ND	ND	2800
S-26	4	ND	ND	ND	ND	ND	ND	48
S-27	4	ND	ND	ND	ND	ND	ND	400
S-28	3	ND	ND	ND	ND	ND	ND	304
S-29	3	ND	ND	ND	ND	ND	ND	592
S-30	3	ND	ND	ND	ND	ND	ND	608
S-31	3	ND	ND	ND	ND	ND	ND	1800
S-32	3	ND	ND	ND	ND	ND	ND	880
S-33	3	ND	ND	ND	ND	ND	ND	32
S-34	3	ND	ND	ND	ND	ND	ND	480
S-35	3	ND	ND	ND	ND	ND	ND	96
S-36	3	ND	ND	ND	ND	ND	ND	384
S-37	3	ND	ND	ND	ND	ND	ND	512
S-38	3	ND	ND	ND	ND	ND	ND	16
S-39	3	ND	ND	ND	ND	ND	ND	144
S-40	3	ND	ND	ND	ND	ND	ND	880

S-41	3	ND	ND	ND	ND	ND	ND	32
S-42	3	ND	ND	ND	ND	ND	ND	304
S-43	3	ND	ND	ND	ND	ND	ND	32
S-44	3	ND	ND	ND	ND	ND	ND	544
S-45	3	ND	ND	ND	ND	ND	ND	64
S-46	4.5	ND	ND	ND	ND	ND	ND	16
S-47	4.5	ND	ND	ND	ND	ND	ND	560
S-48	4.5	ND	ND	ND	ND	ND	ND	128
S-49	4.5	ND	ND	ND	ND	ND	ND	304
S-50	4.5	ND	ND	ND	ND	ND	ND	208
S-51	4.5	ND	ND	ND	ND	ND	ND	96
S-52	4.5	ND	ND	ND	ND	ND	ND	80
S-53	4.5	ND	ND	ND	240	106	346	1470
S-54	4.5	ND	ND	ND	ND	ND	ND	1820
S-55	4.5	ND	ND	ND	ND	ND	ND	32
S-56	4.5	ND	ND	ND	ND	ND	ND	16
S-57	4.5	ND	ND	ND	ND	ND	ND	1600
S-58	4.5	ND	ND	ND	431	161	592	4400
S-59	4.5	ND	ND	ND	ND	ND	ND	32
S-60	4.5	ND	ND	ND	ND	ND	ND	16
S-61	4.5	ND	ND	ND	ND	ND	ND	144
S-62	4.5	ND	ND	ND	ND	ND	ND	32
S-63	4.5	ND	ND	ND	ND	ND	ND	96
S-64	4.5	ND	QN	ND	57.1	35.8	92.9	1120
S-65	4.5	ND	ND	ND	ND	ND	ND	32
S-66	4.5	ND	ND	ND	ND	ND	ND	592
S-67	4.5	ND	ND	ND	74.6	42.1	116.7	1330
S-68	4.5	ND	ND	ND	ND	ND	ND	1330
S-69	4.5	ND	ND	ND	ND	ND	ND	352
S-70	4.5	ND	ND	ND	143	57.4	200.4	672
S-71	4.5	ND	ND	ND	ND	ND	ND	800
S-72	4.5	ND	ND	ND	ND	ND	ND	32
S-73	4.5	ND	ND	ND	ND	ND	ND	4320
S-74	4.5	ND	ND	ND	ND	11.9	11.9	1820
S-75	4.5	ND	ND	ND	ND	ND	ND	160
S-76	4.5	ND	ND	ND	ND	ND	ND	48
S-77	4.5	ND	ND	ND	ND	ND	ND	112
S-78	4.5	ND	ND	ND	ND	ND	ND	1800
S-79	4.5	ND	ND	ND	ND	ND	ND	2840
S-80	4.5	ND	ND	ND	ND	ND	ND	32
S-81	4.5	ND	ND	ND	ND	ND	ND	32
S-82	4.5	ND	ND	ND	ND	ND	ND	32
S-83	4.5	ND	ND	ND	ND	ND	ND	80
S-84	4.5	ND	ND	ND	ND	ND	ND	32
S-85	4.5	ND	ND	ND	ND	ND	ND	32
S-86	4.5	ND	ND	ND	ND	ND	ND	32
S-87	4.5	ND	ND	ND	ND	ND	ND	ND
S-88	4.5	ND	ND	ND	ND	ND	ND	704
S-89	4.5	ND	ND	ND	ND	ND	ND	64
S-90	4.5	ND	ND	ND	ND	ND	ND	1760
S-91	4.5	ND	ND	ND	ND	ND	ND	1220
S-92	4.5	ND	ND	ND	11.7	ND	11.7	320
S-93	4.5	ND	ND	ND	ND	ND	ND	80
S-94	4.5	ND	ND	14.9	ND	ND	14.9	1600
S-95	3	ND	ND	ND	ND	ND	ND	368
S-96	3	ND	ND	ND	ND	ND	ND	5200
S-97	3	ND	ND	ND	ND	ND	ND	7200
S-98	4	ND	ND	ND	ND	ND	ND	128
S-99	4	ND	ND	ND	ND	ND	ND	48

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 4-3-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria 100 mg/kg	Closure Criteria 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
SW1 COMP.	4'	ND	ND	ND	ND	ND	ND	32
SW2 COMP.	4'	ND	ND	ND	ND	ND	ND	32
SW3 COMP.	4'	ND	ND	ND	ND	ND	ND	16
SW4 COMP.	4'	ND	ND	ND	ND	ND	ND	16
SW5 COMP.	3'	ND	ND	ND	ND	ND	ND	16
SW6 COMP.	3'	ND	ND	ND	ND	ND	ND	32
SW7 COMP.	4.5'	ND	ND	ND	ND	ND	ND	32
SW8 COMP.	4.5'	ND	ND	ND	ND	ND	ND	512
SW9 COMP.	4.5'	ND	ND	ND	ND	ND	ND	16
SW10 COMP.	4.5'	ND	ND	ND	ND	ND	ND	16
SW11 COMP.	4.5'	ND	ND	ND	ND	ND	ND	32
SW12 COMP.	4.5'	ND	ND	ND	ND	ND	ND	16
SW13 COMP.	4.5'	ND	ND	ND	ND	ND	ND	3680
SW14 COMP.	4'	ND	ND	ND	ND	ND	ND	144
SW15 COMP.	4'	ND	ND	ND	ND	ND	ND	48
SW16 COMP.	3'	ND	ND	ND	ND	ND	ND	7440
SW17 COMP.	3'	ND	ND	ND	ND	ND	ND	5680
SW18 COMP.	3'	ND	ND	ND	ND	ND	ND	320

Laboratory analytical reports are provided in Appendix D. A Site Map is provided in Figure 1.

REMEDIATION ACTIVITIES

On June 1st, 2024, Paragon mobilized personnel and equipment to conduct remedial activities. Based on the analytical results, site characteristics, and field observations made during the site assessment, the following remedial activities were conducted to advance the Release Site toward an NMOCD closure:

Utilizing mechanical equipment, we excavated the impacted soils that were above the NMOCD Closure Criteria to depths ranging from 3-4.5 feet BGS.

- The 3 feet excavation area is approximately 1300 s/f and 145 yards. Represented in yellow on the confirmation map.
- The 4.5 feet excavation area is approximately 3100 s/f and 517 yards. Represented in red on the map.
- The 4.5 feet excavation area is approximately 5000 s/f and 833 yards. Represented in purple on the map.

Notification was submitted to the NMOCD prior to obtaining confirmation samples. The bottom samples were representative of no more than 200 sq/ft, and the sidewall samples were obtained every 50 feet. The results of this sampling event are in the following data table. See Figure 5 Confirmation Map for sample points and excavation depth areas.

6/17/24 Confirmation Samples

SampleName	Sampled	Units	Benzene	Chloride	DRO >C10-C28	Ethylbenzene	EXT DRO >C28-C36	GRO C6-C10	Toluene	Total BTEX	Total Xylenes
ESW 1 4.5'	6/17/24 0:00	mg/kg	<0.050	32	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
ESW 2 4.5'	6/17/24 0:00	mg/kg	<0.050	48	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
NSW 1 4.5'	6/17/24 0:00	mg/kg	<0.050	256	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
NSW 2 4.5'	6/17/24 0:00	mg/kg	<0.050	128	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
SSW 1 4.5'	6/17/24 0:00	mg/kg	<0.050	48	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
SSW 2 4.5'	6/17/24 0:00	mg/kg	<0.050	32	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
SSW 3 4.5'	6/17/24 0:00	mg/kg	<0.050	32	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
WSW 1 4.5'	6/17/24 0:00	mg/kg	<0.050	80	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
WSW 2 4.5'	6/17/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
WSW 3 4.5'	6/17/24 0:00	mg/kg	<0.050	48	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 1 4.5'	6/17/24 0:00	mg/kg	<0.050	<16.0	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 2 4.5'	6/17/24 0:00	mg/kg	<0.050	<16.0	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 3 4.5'	6/17/24 0:00	mg/kg	<0.050	<16.0	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 4 4.5'	6/17/24 0:00	mg/kg	<0.050	16	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 5 4.5'	6/17/24 0:00	mg/kg	<0.050	16	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 6 4.5'	6/17/24 0:00	mg/kg	<0.050	16	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 7 4.5'	6/17/24 0:00	mg/kg	<0.050	16	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 8 4.5'	6/17/24 0:00	mg/kg	<0.050	16	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 9 4.5'	6/17/24 0:00	mg/kg	<0.050	32	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 10 4.5'	6/17/24 0:00	mg/kg	<0.050	32	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 11 4.5'	6/17/24 0:00	mg/kg	<0.050	16	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 12 4.5'	6/17/24 0:00	mg/kg	<0.050	16	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 13 4.5'	6/17/24 0:00	mg/kg	<0.050	16	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 14 4.5'	6/17/24 0:00	mg/kg	<0.050	208	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 15 4.5'	6/17/24 0:00	mg/kg	<0.050	160	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 16 4.5'	6/17/24 0:00	mg/kg	<0.050	160	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 17 4.5'	6/17/24 0:00	mg/kg	<0.050	144	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 18 4.5'	6/17/24 0:00	mg/kg	<0.050	144	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 19 4.5'	6/17/24 0:00	mg/kg	<0.050	160	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 20 4.5'	6/17/24 0:00	mg/kg	<0.050	160	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 21 4.5'	6/17/24 0:00	mg/kg	<0.050	144	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 22 4.5'	6/17/24 0:00	mg/kg	<0.050	176	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 23 4.5'	6/17/24 0:00	mg/kg	<0.050	176	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 24 4.5'	6/17/24 0:00	mg/kg	<0.050	192	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 25 4.5'	6/17/24 0:00	mg/kg	<0.050	160	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150

6/21/24 Confirmation Samples

SampleName	Sampled	Units	Benzene	Chloride	DRO >C10-C28	Ethylbenzene	EXT DRO >C28-C36	GRO C6-C10	Toluene	Total BTEX	Total Xylenes
ESW - 3 3'	6/21/24 0:00	mg/kg	<0.050	48	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
ESW - 4 3'	6/21/24 0:00	mg/kg	<0.050	112	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
WSW - 4 3'	6/21/24 0:00	mg/kg	<0.050	112	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
WSW - 5 3'	6/21/24 0:00	mg/kg	<0.050	144	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
WSW - 6 3'	6/21/24 0:00	mg/kg	<0.050	144	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 26 3'	6/21/24 0:00	mg/kg	<0.050	496	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 27 3'	6/21/24 0:00	mg/kg	<0.050	704	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 28 3'	6/21/24 0:00	mg/kg	<0.050	784	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 29 3'	6/21/24 0:00	mg/kg	<0.050	768	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 30 3'	6/21/24 0:00	mg/kg	<0.050	752	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 31 3'	6/21/24 0:00	mg/kg	<0.050	560	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 32 3'	6/21/24 0:00	mg/kg	<0.050	768	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 33 3'	6/21/24 0:00	mg/kg	<0.050	560	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 34 3'	6/21/24 0:00	mg/kg	<0.050	192	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 35 3'	6/21/24 0:00	mg/kg	<0.050	208	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 36 3'	6/21/24 0:00	mg/kg	<0.050	608	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 37 3'	6/21/24 0:00	mg/kg	<0.050	448	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 38 3'	6/21/24 0:00	mg/kg	<0.050	176	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 39 3'	6/21/24 0:00	mg/kg	<0.050	176	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 40 3'	6/21/24 0:00	mg/kg	<0.050	192	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 41 3'	6/21/24 0:00	mg/kg	<0.050	400	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 42 3'	6/21/24 0:00	mg/kg	<0.050	176	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 43 3'	6/21/24 0:00	mg/kg	<0.050	144	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 44 3'	6/21/24 0:00	mg/kg	<0.050	176	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 45 3'	6/21/24 0:00	mg/kg	<0.050	192	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 46 3'	6/21/24 0:00	mg/kg	<0.050	128	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150

6/28/24 Confirmation Samples

SampleName	Sampled	Units	Benzene	Chloride	DRO >C10-C28	Ethylbenzene	EXT DRO >C28-C36	GRO C6-C10	Toluene	Total BTEX	Total Xylenes
ESW -5 4.5	6/28/24 0:00	mg/kg	<0.050	816	284	<0.050	149	<10.0	<0.050	<0.300	<0.150
NSW -2 4.5	6/28/24 0:00	mg/kg	<0.050	240	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
NSW -3 4.5	6/28/24 0:00	mg/kg	<0.050	288	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
NSW -4 4.5	6/28/24 0:00	mg/kg	<0.050	352	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
NSW -5 4.5	6/28/24 0:00	mg/kg	<0.050	256	24.7	<0.050	12.6	<10.0	<0.050	<0.300	<0.150
SSW -4 4.5	6/28/24 0:00	mg/kg	<0.050	432	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
SSW -5 4.5	6/28/24 0:00	mg/kg	<0.050	512	92.5	<0.050	45.2	<10.0	<0.050	<0.300	<0.150
SSW -6 4.5	6/28/24 0:00	mg/kg	<0.050	288	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
SSW -7 4.5	6/28/24 0:00	mg/kg	<0.050	304	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
WSW -7 4.5	6/28/24 0:00	mg/kg	<0.050	432	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
WSW -8 4.5	6/28/24 0:00	mg/kg	<0.050	304	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-47 4.5	6/28/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-48 4.5	6/28/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-49 4.5	6/28/24 0:00	mg/kg	<0.050	144	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-50 4.5	6/28/24 0:00	mg/kg	<0.050	96	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-51 4.5	6/28/24 0:00	mg/kg	<0.050	96	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-52 4.5	6/28/24 0:00	mg/kg	<0.050	160	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-53 4.5	6/28/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-54 4.5	6/28/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-55 4.5	6/28/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-56 4.5	6/28/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-57 4.5	6/28/24 0:00	mg/kg	<0.050	208	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-58 4.5	6/28/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-59 4.5	6/28/24 0:00	mg/kg	<0.050	144	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-60 4.5	6/28/24 0:00	mg/kg	<0.050	160	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-62 4.5	6/28/24 0:00	mg/kg	<0.050	80	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-63 4.5	6/28/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-64 4.5	6/28/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-65 4.5	6/28/24 0:00	mg/kg	<0.050	64	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-66 4.5	6/28/24 0:00	mg/kg	<0.050	176	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-67 4.5	6/28/24 0:00	mg/kg	<0.050	160	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-68 4.5	6/28/24 0:00	mg/kg	<0.050	176	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-69 4.5	6/28/24 0:00	mg/kg	<0.050	416	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-70 4.5	6/28/24 0:00	mg/kg	<0.050	352	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-71 4.5	6/28/24 0:00	mg/kg	<0.050	352	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-72 4.5	6/28/24 0:00	mg/kg	<0.050	368	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-73 4.5	6/28/24 0:00	mg/kg	<0.050	240	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-74 4.5	6/28/24 0:00	mg/kg	<0.050	384	26.9	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-75 4.5	6/28/24 0:00	mg/kg	<0.050	416	126	<0.050	33.6	<10.0	<0.050	<0.300	<0.150
S-76 4.5	6/28/24 0:00	mg/kg	<0.050	256	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-77 4.5	6/28/24 0:00	mg/kg	<0.050	272	33.9	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-78 4.5	6/28/24 0:00	mg/kg	<0.050	192	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-79 4.5	6/28/24 0:00	mg/kg	<0.050	432	181	<0.050	55.8	<10.0	<0.050	<0.300	<0.150
S-80 4.5	6/28/24 0:00	mg/kg	<0.050	256	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-81 4.5	6/28/24 0:00	mg/kg	<0.050	448	38.7	<0.050	17.5	<10.0	<0.050	<0.300	<0.150
S-82 4.5	6/28/24 0:00	mg/kg	<0.050	240	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-83 4.5	6/28/24 0:00	mg/kg	<0.050	560	35.6	<0.050	15.4	<10.0	<0.050	<0.300	<0.150
S-84 4.5	6/28/24 0:00	mg/kg	<0.050	384	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-85 4.5	6/28/24 0:00	mg/kg	<0.050	224	14.7	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-86 4.5	6/28/24 0:00	mg/kg	<0.050	416	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-87 4.5	6/28/24 0:00	mg/kg	<0.050	448	60.3	<0.050	24.9	<10.0	<0.050	<0.300	<0.150
S-88 4.5	6/28/24 0:00	mg/kg	<0.050	192	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-89 4.5	6/28/24 0:00	mg/kg	<0.050	224	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-90 4.5	6/28/24 0:00	mg/kg	<0.050	208	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S-91 4.5	6/28/24 0:00	mg/kg	<0.050	224	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150

It was determined additional material needed to be excavated.

- We finished the first round of confirmation samples with ESW-6, NSW-6, S-61, S-92, S-93, SSW-8, and WSW-9.
- In the areas of S-27, S-28, S-29, S-30, S-32, S-75, and S-79 we removed an additional 6 inches from the bottom of the excavation.
- We also extended the sidewall areas an additional 6 inches from the areas of ESW-5, and SSW-5.

Additional samples were obtained during this process. The additional results are in the following data tables.

7/2/24 Confirmation Samples

SampleName	Sampled	Units	Benzene	Chloride	DRO >C10-C28	Ethylbenzene	EXT DRO >C28-C36	GRO C6-C10	Toluene	Total BTEX	Total Xylenes
ESW - 6	7/2/24 0:00	mg/kg	<0.050	128	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
NSW - 6	7/2/24 0:00	mg/kg	<0.050	48	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
SSW - 8	7/3/24 0:00	mg/kg	<0.050	96	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
WSW - 9	7/2/24 0:00	mg/kg	<0.050	144	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 27	7/2/24 0:00	mg/kg	<0.050	192	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 28	7/2/24 0:00	mg/kg	<0.050	112	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 29	7/2/24 0:00	mg/kg	<0.050	176	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 30	7/2/24 0:00	mg/kg	<0.050	144	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 32	7/2/24 0:00	mg/kg	<0.050	112	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 61	7/3/24 0:00	mg/kg	<0.050	96	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 92	7/2/24 0:00	mg/kg	<0.050	192	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150
S - 93	7/2/24 0:00	mg/kg	<0.050	176	<10.0	<0.050	<10.0	<10.0	<0.050	<0.300	<0.150

7-15-24 Confirmation Samples

SampleName	Sampled	Units	Chloride	DRO >C10-C28	EXT DRO >C28-C36	GRO C6-C10
ESW - 5 4.5'	7/15/24 0:00	mg/kg	160	<10.0	<10.0	<10.0
SSW - 5 4.5'	7/15/24 0:00	mg/kg		<10.0	<10.0	<10.0
S - 75 5'	7/15/24 0:00	mg/kg		<10.0	<10.0	<10.0
S - 79 5'	7/15/24 0:00	mg/kg		<10.0	<10.0	<10.0

After receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with “like” material obtained from a localized sand pit and Lea Land. The affected area was then contoured and machine compacted to match the surrounding grade.

CLOSURE REQUEST

After careful review, Paragon requests that the incident, nAPP2216527460 for the Mohawk Federal TB, be closed. Spur has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

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

Respectfully,



Tristan Jones
Project Coordinator
Paragon Environmental, LLC



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

1. Site Map
2. Topographic Map
3. Karst Map
4. Aerial Map
5. Confirmation Map

Appendices:

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



Figures:

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

Spur Energy Partners

Mohawk Federal Tank Battery
Eddy County, NM
Site Map

Legend

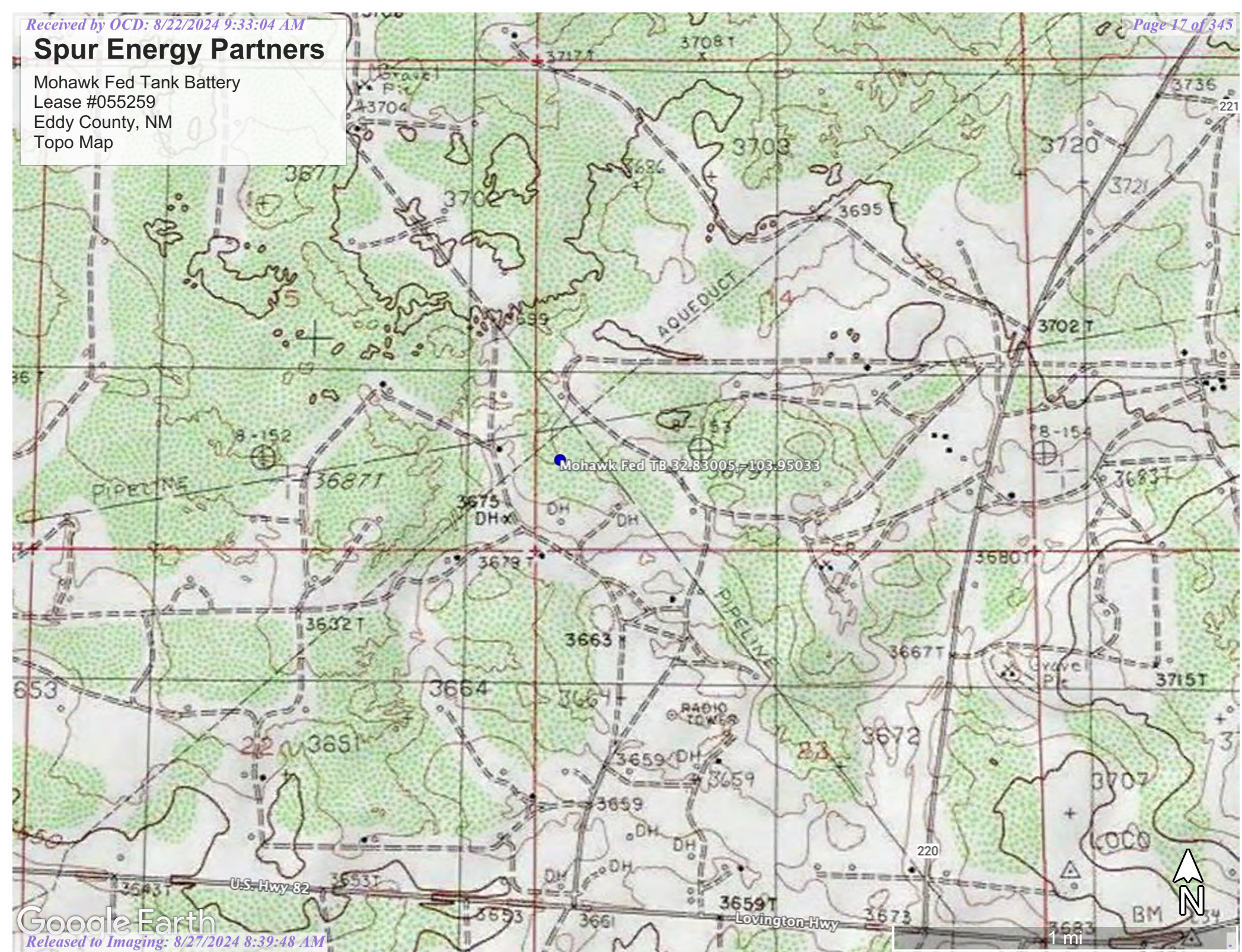
- Mohawk Fed TB 32.83005,-103.95033
- ▭ Release Path
- SAMPLES
- ⚙ SW SAMPLE AREA



Google Earth

Mohawk Fed Tank Battery
Lease #055259
Eddy County, NM
Topo Map

Mohawk Fed Tank Battery
Lease #055259
Eddy County, NM
Topo Map



Spur Energy Partners

Mohawk Federal Tank Battery
Lease # 055259
Eddy County, NM
Karst Map

Mohawk Fed TB 32.83005,-103.95033



7 mi

Spur Energy Partners

Mohawk Federal Tank Battery
Lease # 055259
Eddy County, NM
Aerial Map

Mohawk Fed TB 32.83005, -103.95033



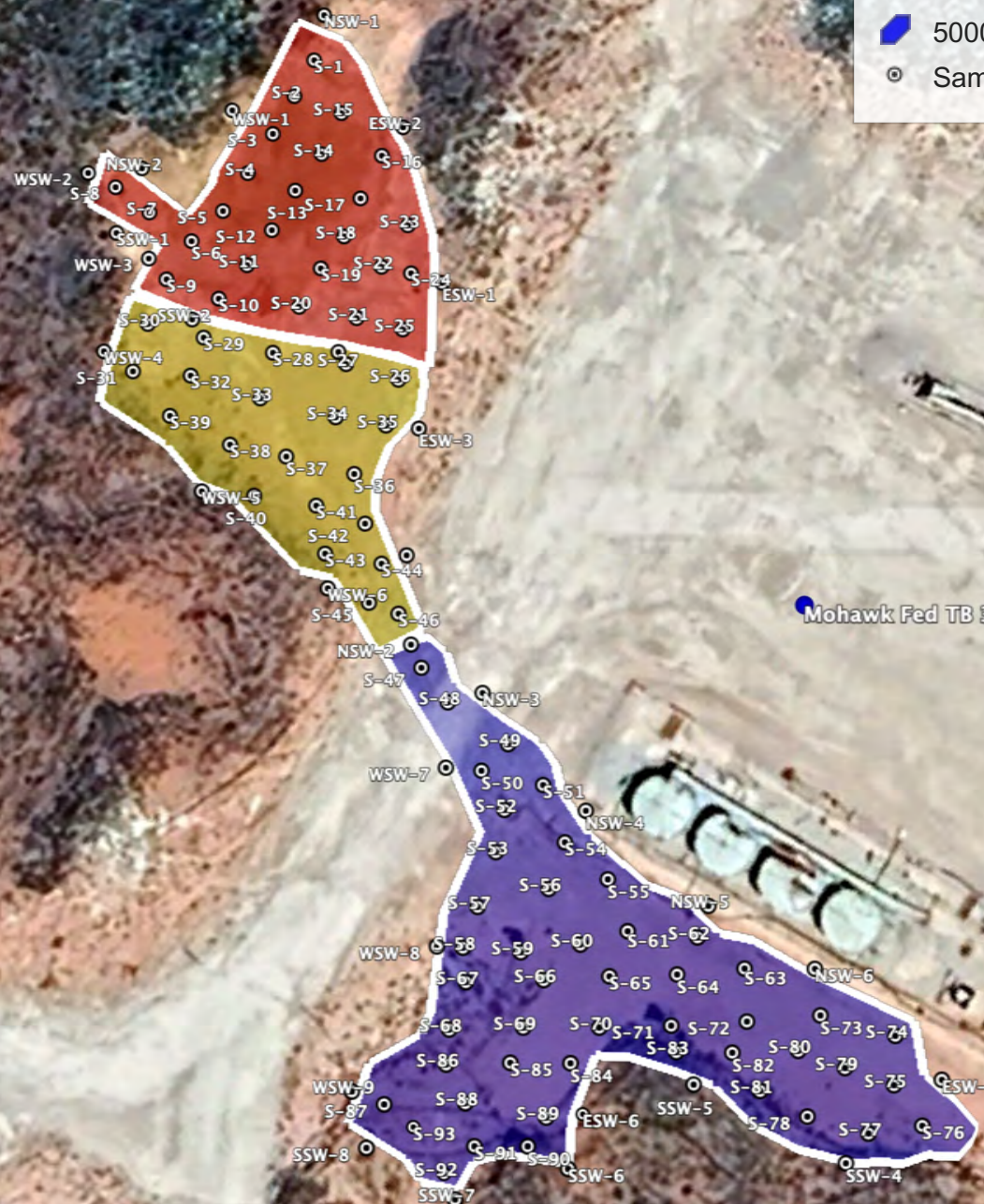
1 mi

Spur Energy Partners

Mohawk Federal Tank Battery
Eddy County, NM
Confirmation Map

Legend

- 1300 S/F 3'- 145 C/Y Excavation
- 3100 S/F 4.5'- 517 C/Y Excavation
- 5000 S/F 4.5'- 833 C/Y Excavation
- Samples



Mohawk Fed TB 32.83005,-103.95033



2000 ft

Google Earth



Appendix A
Referenced Water Data:

New Mexico State of Engineers Office



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 6	Q 4	Q 1	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
RA 13212 POD1		RA	CH	1	3	4	11	17S	30E	598984	3634474	1707			
RA 13213 POD1		RA	CH	2	2	1	24	17S	30E	600489	3632575	2270	101		
RA 11914 POD1		RA	ED	2	4	2	20	17S	30E	594801	3632002	3569	85	80	5
Average Depth to Water:														80 feet	
Minimum Depth:														80 feet	
Maximum Depth:														80 feet	

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 598246.537

Northing (Y): 3632933.869

Radius: 4000

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.

12/13/22 10:14 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Appendix B
Soil Survey:

U.S.D.A.

FEMA Flood Map

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

KM—Kermit-Berino fine sands, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w4q

Elevation: 3,100 to 4,200 feet

Mean annual precipitation: 10 to 14 inches

Mean annual air temperature: 60 to 64 degrees F

Frost-free period: 190 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent

Berino and similar soils: 35 percent

Minor components: 15 percent

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

Description of Kermit

Setting

Landform: Plains, alluvial fans

Landform position (three-dimensional): Talf, rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand

H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

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

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: A

Ecological site: R070BD005NM - Deep Sand

Hydric soil rating: No

Map Unit Description: Kermit-Berino fine sands, 0 to 3 percent slopes---Eddy Area, New Mexico

Description of Berino

Setting

Landform: Plains, fan piedmonts
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Active dune land

Percent of map unit: 15 percent
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

National Flood Hazard Layer FIRMette



103°57'20"W 32°50'3"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/13/2022 at 12:22 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Appendix C:

NMOCD Notification

Photographic Documentation



OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

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

Submission Information

Submission ID:	353985	Districts:	Artesia
Operator:	[331082] Paragon Environmental LLC	Counties:	Eddy
Description:	Paragon Environmental LLC [331082] , MOHAWK FED TANK BATTERY , nAPP2216527460		
Status:	APPROVED		
Status Date:	06/13/2024		
References (2):	fAPP2203429853, nAPP2216527460		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2216527460
Incident Name	NAPP2216527460 MOHAWK FED TANK BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2203429853] Mohawk Federal Tank Battery

Location of Release Source

Site Name	MOHAWK FED TANK BATTERY
Date Release Discovered	06/13/2022
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	4,940
What is the estimated number of samples that will be gathered	32
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/17/2024
Time sampling will commence	03:30 PM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Angel Pena 575-605-0773
Please provide any information necessary for navigation to sampling site	32.83005,-103.95033

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	cjones1 (6/13/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
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Reasons

No reasons found for this submission.

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OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

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

Submission Information

Submission ID:	355474	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , MOHAWK FED TANK BATTERY , nAPP2216527460		
Status:	APPROVED		
Status Date:	06/18/2024		
References (2):	fAPP2203429853, nAPP2216527460		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2216527460
Incident Name	NAPP2216527460 MOHAWK FED TANK BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2203429853] Mohawk Federal Tank Battery

Location of Release Source

Site Name	MOHAWK FED TANK BATTERY
Date Release Discovered	06/13/2022
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	4,190
What is the estimated number of samples that will be gathered	31
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/21/2024
Time sampling will commence	12:00 PM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Angel Pena 575-605-0773
Please provide any information necessary for navigation to sampling site	32.83005,-103.95033

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	apena (6/18/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
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Reasons

No reasons found for this submission.

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OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

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

Submission Information

Submission ID:	357242	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , MOHAWK FED TANK BATTERY , nAPP2216527460		
Status:	APPROVED		
Status Date:	06/25/2024		
References (2):	fAPP2203429853, nAPP2216527460		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2216527460
Incident Name	NAPP2216527460 MOHAWK FED TANK BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2203429853] Mohawk Federal Tank Battery

Location of Release Source

Site Name	MOHAWK FED TANK BATTERY
Date Release Discovered	06/13/2022
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	8,375
What is the estimated number of samples that will be gathered	55
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/28/2024
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Tristan Jones 575-318-6841
Please provide any information necessary for navigation to sampling site	32.83005,-103.95033

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	apena (6/25/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
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Reasons

No reasons found for this submission.

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OCD Permitting

HomeOperator DataAction StatusAction Search ResultsAction Status Item Details

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

Submission Information

Submission ID:	359343	Districts:	Artesia
Operator:	[328947] Spur Energy Partners LLC	Counties:	Eddy
Description:	Spur Energy Partners LLC [328947] , MOHAWK FED TANK BATTERY , nAPP2216527460		
Status:	APPROVED		
Status Date:	06/27/2024		
References (2):	fAPP2203429853, nAPP2216527460		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2216527460
Incident Name	NAPP2216527460 MOHAWK FED TANK BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2203429853] Mohawk Federal Tank Battery

Location of Release Source

Site Name	MOHAWK FED TANK BATTERY
Date Release Discovered	06/13/2022
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	379
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/02/2024
Time sampling will commence	08:00 AM
Warning: Notification can not be less than two business days prior to conducting final sampling.	
Please provide any information necessary for observers to contact samplers	Angel Pena 575-605-007
Please provide any information necessary for navigation to sampling site	32.83005,-103.95033

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	apena (6/27/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
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Reasons

No reasons found for this submission.

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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:	363554	Districts:	Artesia
Operator:	[331082] Paragon Environmental LLC	Counties:	Eddy
Description:	Paragon Environmental LLC [331082] , MOHAWK FED TANK BATTERY , nAPP2216527460		
Status:	APPROVED		
Status Date:	07/12/2024		
References (2):	fAPP2203429853, nAPP2216527460		

Forms

This application type does not have attachments.

Questions

Prerequisites

Incident ID (n#)	nAPP2216527460
Incident Name	NAPP2216527460 MOHAWK FED TANK BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2203429853] Mohawk Federal Tank Battery

Location of Release Source

Site Name	MOHAWK FED TANK BATTERY
Date Release Discovered	06/13/2022
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	500
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/15/2024
Time sampling will commence	10:00 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	32.83005,-103.95033

Acknowledgments

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

Comments

No comments found for this submission.

Conditions

Summary:	cjones1 (7/12/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.
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Reasons

No reasons found for this submission.

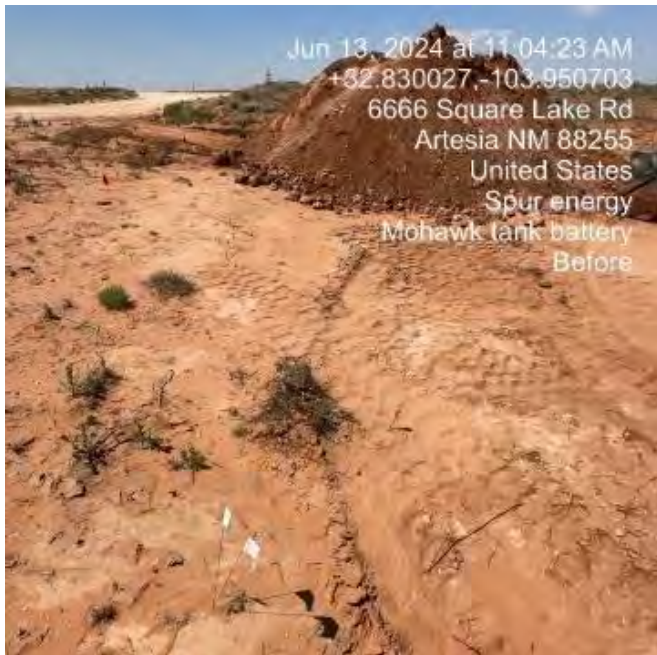
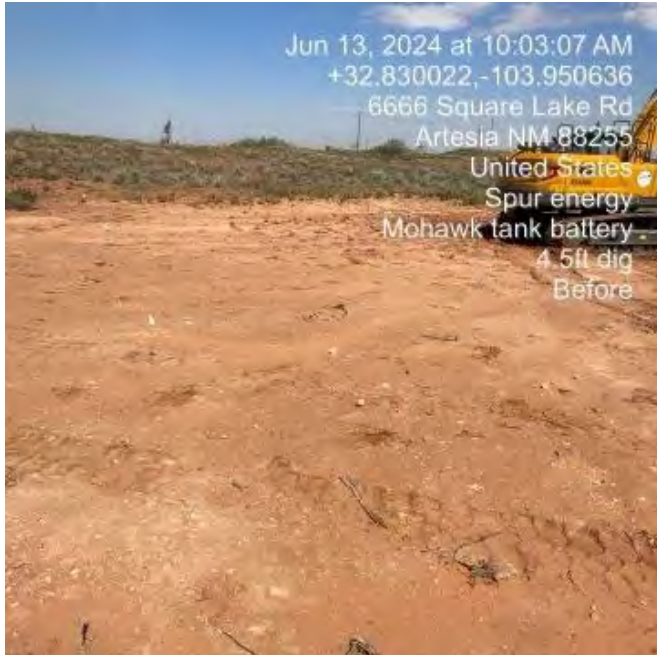
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Photographic Documentation

Before Pictures







Photographic Documentation

During Pictures







Photographic Documentation

Post Pictures







Appendix D:
Laboratory Results



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

April 06, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: MOHAWK FED TB

Enclosed are the results of analyses for samples received by the laboratory on 04/04/23 9:42.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-91 SP2 4.5' (H231527-01)

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	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-92 SP2 4.5' (H231527-02)

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	04/05/2023	ND	2.04	102	2.00	1.44	
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	11.7	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-93 SP2 4.5' (H231527-03)

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	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-94 SP2 4.5' (H231527-04)

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	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	14.9	10.0	04/04/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-95 SP5 3' (H231527-05)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTEx	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-96 SP5 3' (H231527-06)

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	04/05/2023	ND	2.28	114	2.00	20.5		
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5200	16.0	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-97 SP5 3' (H231527-07)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7200	16.0	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-98 SP6 4' (H231527-08)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-99 SP6 4' (H231527-09)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTEx	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW1 COMP. (H231527-10)

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	04/05/2023	ND	2.28	114	2.00	20.5		
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW2 COMP. (H231527-11)

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	04/05/2023	ND	2.28	114	2.00	20.5		
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW3 COMP. (H231527-12)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW4 COMP. (H231527-13)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	0.105	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTEx	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW5 COMP. (H231527-14)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW6 COMP. (H231527-15)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW7 COMP. (H231527-16)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW8 COMP. (H231527-17)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	04/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW9 COMP. (H231527-18)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW10 COMP. (H231527-19)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW11 COMP. (H231527-20)

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	04/05/2023	ND	2.28	114	2.00	20.5		
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW12 COMP. (H231527-21)

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	04/05/2023	ND	2.28	114	2.00	20.5		
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW13 COMP. (H231527-22)

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	04/05/2023	ND	2.28	114	2.00	20.5		
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW14 COMP. (H231527-23)

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	04/05/2023	ND	2.28	114	2.00	20.5	
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	163	81.3	200	14.8	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	164	81.8	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW15 COMP. (H231527-24)

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	04/05/2023	ND	2.28	114	2.00	20.5		
Toluene*	<0.050	0.050	04/05/2023	ND	2.30	115	2.00	16.6		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.24	112	2.00	16.6		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.96	116	6.00	15.5		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW16 COMP. (H231527-25)

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	04/04/2023	ND	2.12	106	2.00	8.58	
Toluene*	<0.050	0.050	04/04/2023	ND	2.13	107	2.00	7.98	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.20	110	2.00	9.45	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.72	112	6.00	9.94	
Total BTEX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7440	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW17 COMP. (H231527-26)

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	04/04/2023	ND	2.12	106	2.00	8.58		
Toluene*	<0.050	0.050	04/04/2023	ND	2.13	107	2.00	7.98		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.20	110	2.00	9.45		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.72	112	6.00	9.94		
Total BTX	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5680	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 73.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/04/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW18 COMP. (H231527-27)

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	04/04/2023	ND	2.12	106	2.00	8.58	
Toluene*	<0.050	0.050	04/04/2023	ND	2.13	107	2.00	7.98	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.20	110	2.00	9.45	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.72	112	6.00	9.94	
Total BTEX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	195	97.4	200	3.03	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	197	98.7	200	6.89	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Pavson Environmental</u> Project Manager: <u>Chris Jones</u> Address: <u>1601 N. Turner St. Ste 500</u> City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: <u>575.964.7814</u> Fax #: _____ Project #: _____ Project Owner: <u>SPU2</u> Project Name: <u>Wetland Fed TB</u> Project Location: <u>Eddy County</u> Sampler Name: <u>Jeremy Walker</u>				BILL TO P.O. #: _____ Company: <u>SPU2</u> Attn: <u>Jeremy Walker</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____				ANALYSIS REQUEST			
FOR LAB USE ONLY				FOR LAB USE ONLY							
Lab I.D.				Sample I.D.							
1 <u>541</u> <u>SP2</u> <u>4.5</u> 2 <u>542</u> <u>SP2</u> <u>4.5</u> 3 <u>543</u> <u>SP2</u> <u>4.5</u> 4 <u>544</u> <u>SP2</u> <u>4.5</u> 5 <u>545</u> <u>SP5</u> <u>3</u> 6 <u>546</u> <u>SP5</u> <u>3</u> 7 <u>547</u> <u>SP5</u> <u>3</u> 8 <u>548</u> <u>SP6</u> <u>4</u> 9 <u>549</u> <u>SP6</u> <u>4</u> 10 <u>SW1 COND.</u>				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME				TPH Ext. BTEX Chlorides			
Relinquished By: <u>[Signature]</u> Date: <u>02/04/23</u> Time: <u>0943</u> Received By: <u>[Signature]</u> Date: _____ Time: _____				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: REMARKS:							
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C: <u>3.7</u> Corrected Temp. °C: <u>3.1</u> Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) <u>JD</u>				Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> Thermometer ID #113 <input type="checkbox"/> Bacteria (only) Sample Condition Correction Factor -0.8°C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C							

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Paragon Environmental</u> Project Manager: <u>Chris Jones</u> Address: <u>1601 W TOWNEY ST. Ste 500</u> City: <u>Hobbs NM</u> State: Zip: <u>88240</u> Phone #: Fax #: Project #: Project Owner: <u>SEAD</u> Project Name: <u>Wohawk Fed TB</u> Project Location: <u>Eddy County</u> Sampler Name: <u>Stacy Walker</u>				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:					
BILL TO				ANALYSIS REQUEST					
FOR LAB USE ONLY									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP		# CONTAINERS			
				GROUNDWATER		DATE			
				WASTEWATER					
				SOIL					
				OIL					
				SLUDGE					
				OTHER :					
ACID/BASE:		ICE / COOL		OTHER :					
DATE		TIME							
MATRIX		PRESERV.		SAMPLING					
TPH Ex1		BTEX		Chlorides					
11 SW-2 Comp		12 SW-3 Comp		13 SW-4 Comp				14 SW-5 Comp	
15 SW-6 Comp		16 SW-7 Comp		17 SW-8 Comp				18 SW-9 Comp	
19 SW-10 Comp		20 SW-11 Comp							

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Relinquished By: Chris Jones **Date:** 04/04/23 **Received By:** [Signature] **Time:** 0942

Relinquished By: **Date:** **Received By:** **Time:**

Delivered By: (Circle One) **Observed Temp. °C** 3.7 **Corrected Temp. °C** 3.1 **Sample Condition** Cool Intact **CHECKED BY:** [Signature] **Turnaround Time:** Standard **Standard** ☒ **Rush** ☐ **Bacteria (only)** ☒ **Cool Intact** ☐ **Yes** ☐ **No** ☐ **Corrected Temp. °C**

REMARKS:

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:** **All Results are emailed. Please provide Email address:**

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paradise Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Davis Jones							
Address: 1601 N. Turner St. Ste 500		Company: SPUC					
City: Hobbs		Attn: Bradley Walker					
State: NM Zip: 88240		Address:					
Phone #:		City:					
Fax #:		State:					
Project #: 		Zip:					
Project Name: Michael Fed TB		Phone #:					
Project Location: Faddy Laundry		Fax #:					
Sampler Name: Steven Webster							

FOR LAB USE ONLY		(G)RAB OR (C)OMP.		MATRIX			PRESERV.	SAMPLING			
Lab I.D.	Sample I.D.	# CONTAINERS	GROUNDEWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :
H231527	21 SW12 Camp										
	22 SW13 Camp										
	23 SW14 Camp										
	24 SW15 Camp										
	25 SW16 Camp										
	26 SW18 Camp										
	27 SW18 Camp										

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Relinquished By: [Signature]	Date: 04/04/23	Received By: [Signature]	Date: 04/04/23
Refrainquished By:	Date:	Received By:	Date:

Delivered By: (Circle One)	Observed Temp. °C 3.7	Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) [Signature]	Turnaround Time:	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
Sampler - UPS - Bus - Other:	Corrected Temp. °C 3.1	<input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113		Cool Intact <input type="checkbox"/> Observed Temp. °C
REMARKS:						

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

All Results are emailed. Please provide Email address:



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

April 06, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: MOHAWK FED TB

Enclosed are the results of analyses for samples received by the laboratory on 04/04/23 9:42.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-1 SP4 4' (H231526-01)

BTX 8021B		mg/L		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	04/05/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-2 SP4 4' (H231526-02)

BTEx 8021B		mg/L		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3200	16.0	04/05/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-3 SP4 4' (H231526-03)

BTEx 8021B		mg/L		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/05/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	04/05/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-4 SP4 4' (H231526-04)

BTX 8021B		mg/L		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	04/05/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-5 SP4 4' (H231526-05)

BTEx 8021B		mg/L		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	04/05/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-6 SP4 4' (H231526-06)

BTEx 8021B		mg/L		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-7 SP4 4' (H231526-07)

BTX 8021B		mg/L		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-8 SP4 4' (H231526-08)

BTEx 8021B		mg/L		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-9 SP4 4' (H231526-09)

BTEx 8021B		mg/L		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81	
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30	
Total BTEX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-10 SP4 4' (H231526-10)

BTEx 8021B		mg/L		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2023	ND	2.06	103	2.00	5.81		
Toluene*	<0.050	0.050	04/04/2023	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.09	105	2.00	4.73		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.30	105	6.00	5.30		
Total BTEX	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-11 SP4 4' (H231526-11)

BTX 8021B		mg/L		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	5.81		
Toluene*	<0.050	0.050	04/05/2023	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.09	105	2.00	4.73		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.30	105	6.00	5.30		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-12 SP4 4' (H231526-12)

BTX 8021B		mg/L		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	5.81		
Toluene*	<0.050	0.050	04/05/2023	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.09	105	2.00	4.73		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.30	105	6.00	5.30		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-13 SP4 4' (H231526-13)

BTX 8021B		mg/L		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	5.81		
Toluene*	<0.050	0.050	04/05/2023	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.09	105	2.00	4.73		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.30	105	6.00	5.30		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	201	101	200	1.10	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	187	93.4	200	4.17	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-14 SP4 4' (H231526-14)

BTX 8021B			mg/L							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	5.81		
Toluene*	<0.050	0.050	04/05/2023	ND	2.11	106	2.00	4.16		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.09	105	2.00	4.73		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.30	105	6.00	5.30		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	186	92.8	200	0.661		
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	210	105	200	0.768		
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND						

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-15 SP4 4' (H231526-15)

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	04/04/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11		
Total BTEX	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	04/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-16 SP4 4' (H231526-16)

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	04/04/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11		
Total BTEx	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-17 SP4 4' (H231526-17)

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	04/04/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11		
Total BTEx	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 77.5-125

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	04/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-18 SP4 4' (H231526-18)

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	04/04/2023	ND	1.97	98.6	2.00	0.908	
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11	
Total BTEX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	04/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-19 SP4 4' (H231526-19)

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	04/04/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11		
Total BTEx	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 77.5-125

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	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-20 SP4 4' (H231526-20)

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	04/04/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11		
Total BTEX	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	04/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-21 SP4 4' (H231526-21)

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	04/04/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11		
Total BTEx	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	04/05/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-22 SP4 4' (H231526-22)

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	04/04/2023	ND	1.97	98.6	2.00	0.908	
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11	
Total BTEX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-23 SP4 4' (H231526-23)

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	04/04/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11		
Total BTEx	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 77.5-125

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	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-24 SP4 4' (H231526-24)

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	04/04/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11		
Total BTEx	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-25 SP4 4' (H231526-25)

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	04/04/2023	ND	1.97	98.6	2.00	0.908	
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11	
Total BTEX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	04/05/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-26 SP4 4' (H231526-26)

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	04/04/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/04/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	5.62	93.7	6.00	2.11		
Total BTEX	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-27 SP4 4' (H231526-27)

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	04/05/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/05/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.62	93.7	6.00	2.11		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-28 SP3 3' (H231526-28)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.908	
Toluene*	<0.050	0.050	04/05/2023	ND	1.91	95.4	2.00	1.03	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.90	95.0	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.62	93.7	6.00	2.11	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-29 SP3 3' (H231526-29)

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	04/05/2023	ND	1.97	98.6	2.00	0.908	
Toluene*	<0.050	0.050	04/05/2023	ND	1.91	95.4	2.00	1.03	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.90	95.0	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.62	93.7	6.00	2.11	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-30 SP3 3' (H231526-30)

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	04/05/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/05/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.62	93.7	6.00	2.11		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-31 SP3 3' (H231526-31)

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	04/05/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/05/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.62	93.7	6.00	2.11		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-32 SP3 3' (H231526-32)

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	04/05/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/05/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.62	93.7	6.00	2.11		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-33 SP3 3' (H231526-33)

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	04/05/2023	ND	1.97	98.6	2.00	0.908		
Toluene*	<0.050	0.050	04/05/2023	ND	1.91	95.4	2.00	1.03		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.90	95.0	2.00	1.91		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.62	93.7	6.00	2.11		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	186	92.8	200	0.661	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	210	105	200	0.768	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-34 SP3 3' (H231526-34)

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	04/05/2023	ND	1.97	98.6	2.00	0.908	
Toluene*	<0.050	0.050	04/05/2023	ND	1.91	95.4	2.00	1.03	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.90	95.0	2.00	1.91	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.62	93.7	6.00	2.11	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-35 SP3 3' (H231526-35)

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	04/05/2023	ND	1.96	98.2	2.00	0.164	
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54	
Total BTEx	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-36 SP3 3' (H231526-36)

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	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-37 SP3 3' (H231526-37)

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	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-38 SP3 3' (H231526-38)

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	04/05/2023	ND	1.96	98.2	2.00	0.164	
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-39 SP3 3' (H231526-39)

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	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-40 SP3 3' (H231526-40)

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	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-41 SP3 3' (H231526-41)

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	04/05/2023	ND	1.96	98.2	2.00	0.164	
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-42 SP3 3' (H231526-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-43 SP3 3' (H231526-43)

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	04/05/2023	ND	1.96	98.2	2.00	0.164	
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-44 SP3 3' (H231526-44)

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	04/05/2023	ND	1.96	98.2	2.00	0.164	
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-45 SP3 3' (H231526-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-46 SP1 4.5' (H231526-46)

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	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/05/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-47 SP1 4.5' (H231526-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	04/05/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-48 SP1 4.5' (H231526-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-49 SP1 4.5' (H231526-49)

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	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	04/05/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-50 SP1 4.5' (H231526-50)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	1.96	98.2	2.00	0.164	
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-51 SP1 4.5' (H231526-51)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-52 SP1 4.5' (H231526-52)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.96	98.2	2.00	0.164		
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/05/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-53 SP1 4.5' (H231526-53)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	1.96	98.2	2.00	0.164	
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	209	105	200	0.120	
DRO >C10-C28*	240	10.0	04/04/2023	ND	200	99.9	200	1.68	
EXT DRO >C28-C36	106	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-54 SP1 4.5' (H231526-54)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	1.96	98.2	2.00	0.164	
Toluene*	<0.050	0.050	04/05/2023	ND	1.93	96.3	2.00	0.726	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.97	98.6	2.00	0.929	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.88	98.0	6.00	1.54	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1820	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-55 SP1 4.5' (H231526-55)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2023	ND	1.98	99.1	2.00	0.438		
Toluene*	<0.050	0.050	04/04/2023	ND	2.01	101	2.00	0.152		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.07	104	2.00	0.415		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.34	106	6.00	0.584		
Total BTX	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/05/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-56 SP1 4.5' (H231526-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2023	ND	1.98	99.1	2.00	0.438		
Toluene*	<0.050	0.050	04/04/2023	ND	2.01	101	2.00	0.152		
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.07	104	2.00	0.415		
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.34	106	6.00	0.584		
Total BTEx	<0.300	0.300	04/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/05/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-57 SP1 4.5' (H231526-57)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/04/2023	ND	1.98	99.1	2.00	0.438	
Toluene*	<0.050	0.050	04/04/2023	ND	2.01	101	2.00	0.152	
Ethylbenzene*	<0.050	0.050	04/04/2023	ND	2.07	104	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/04/2023	ND	6.34	106	6.00	0.584	
Total BTX	<0.300	0.300	04/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/04/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-58 SP1 4.5' (H231526-58)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438	
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	431	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	161	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 169 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-59 SP1 4.5' (H231526-59)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438		
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/05/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-60 SP1 4.5' (H231526-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438		
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/05/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-61 SP1 4.5' (H231526-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438		
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	04/05/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-62 SP1 4.5' (H231526-62)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438	
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-63 SP1 4.5' (H231526-63)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438	
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-64 SP1 4.5' (H231526-64)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438		
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	57.1	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	35.8	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-65 SP1 4.5' (H231526-65)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438	
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/05/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-66 SP1 4.5' (H231526-66)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438		
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	04/05/2023	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-67 SP1 4.5' (H231526-67)

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	04/05/2023	ND	1.98	99.1	2.00	0.438	
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	04/05/2023	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	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	74.6	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	42.1	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 147 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-68 SP1 4.5' (H231526-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438		
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	04/05/2023	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	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-69 SP1 4.5' (H231526-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438		
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584		
Total BTEx	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	04/05/2023	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	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-70 SP2 4.5' (H231526-70)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438		
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg	Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	04/05/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	143	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	57.4	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 150 % 48.2-134

Surrogate: 1-Chlorooctadecane 194 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-71 SP2 4.5' (H231526-71)

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	04/05/2023	ND	1.98	99.1	2.00	0.438	
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	04/05/2023	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	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-72 SP2 4.5' (H231526-72)

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	04/05/2023	ND	1.98	99.1	2.00	0.438	
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/05/2023	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	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-73 SP2 4.5' (H231526-73)**BTEX 8021B****mg/kg****Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438	
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B**mg/kg****Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4320	16.0	04/05/2023	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	04/05/2023	ND	162	80.8	200	10.4	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	158	79.2	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-74 SP2 4.5' (H231526-74)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	1.98	99.1	2.00	0.438	
Toluene*	<0.050	0.050	04/05/2023	ND	2.01	101	2.00	0.152	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.07	104	2.00	0.415	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.34	106	6.00	0.584	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1820	16.0	04/05/2023	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	04/04/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	11.9	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-75 SP2 4.5' (H231526-75)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/05/2023	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	04/04/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-76 SP2 4.5' (H231526-76)

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	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/05/2023	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	04/04/2023	ND	191	95.7	200	10.3		
DRO >C10-C28*	<10.0	10.0	04/04/2023	ND	219	109	200	15.5		
EXT DRO >C28-C36	<10.0	10.0	04/04/2023	ND						

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-77 SP2 4.5' (H231526-77)**BTEX 8021B****mg/kg****Analyzed By: JH/**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44	
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 77.5-125

Chloride, SM4500CI-B**mg/kg****Analyzed By: GM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/05/2023	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	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-78 SP2 4.5' (H231526-78)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44	
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	04/05/2023	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	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-79 SP2 4.5' (H231526-79)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44	
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2840	16.0	04/05/2023	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	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-80 SP2 4.5' (H231526-80)

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	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/05/2023	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	04/05/2023	ND	191	95.7	200	10.3		
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5		
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND						

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-81 SP2 4.5' (H231526-81)

BTEX 8021B			mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/05/2023	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	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-82 SP2 4.5' (H231526-82)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/05/2023	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	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-83 SP2 4.5' (H231526-83)

BTX 8021B			mg/kg							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/05/2023	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	04/05/2023	ND	191	95.7	200	10.3		
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5		
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-84 SP2 4.5' (H231526-84)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/05/2023	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	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-85 SP2 4.5' (H231526-85)

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	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/05/2023	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	04/05/2023	ND	191	95.7	200	10.3		
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5		
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND						

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-86 SP2 4.5' (H231526-86)

BTEx 8021B			mg/kg							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	191	95.7	200	10.3		
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5		
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND						

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-87 SP2 4.5' (H231526-87)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 77.5-125

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	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-88 SP2 4.5' (H231526-88)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	04/05/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-89 SP2 4.5' (H231526-89)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	ND	2.04	102	2.00	1.44		
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 135 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/04/2023
Reported: 04/06/2023
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 04/03/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S-90 SP2 4.5' (H231526-90)

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	04/05/2023	ND	2.04	102	2.00	1.44	
Toluene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	0.755	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.06	103	2.00	1.32	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.21	103	6.00	1.69	
Total BTX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	04/05/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/05/2023	ND	191	95.7	200	10.3	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	219	109	200	15.5	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs

Phone #: 575-964-7814

Project #:

Project Name: *Woburn Field 18*

Project Location: *East*

Sampler Name: *Devenly Woburn*

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: *SPU*

Attn: *Brooklyn Woburn*

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H231536

1 *S-1* *SP4* *4'*

2 *S-2* *SP4* *4'*

3 *S-3* *SP4* *4'*

4 *S-4* *SP4* *4'*

5 *S-5* *SP4* *4'*

6 *S-6* *SP4* *4'*

7 *S-7* *SP4* *4'*

8 *S-8* *SP4* *4'*

9 *S-9* *SP4* *4'*

10 *S-10* *SP4* *4'*

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

7/1/18

10:00

Chlorides

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Relinquished By:

Date: *7/1/18*

Received By:

Phone Result:

☐ Yes ☐ No

☐ Yes ☐ No

Add'l Phone #:

Add'l Fax #:

REMARKS:

Relinquished By:

Date:

Received By:

Phone Result:

☐ Yes ☐ No

☐ Yes ☐ No

Add'l Phone #:

Add'l Fax #:

REMARKS:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

3.7c / 3.1c

Sample Condition

CHECKED BY: *AD*

Initials

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

Phone #: 575-964-7814

Project #:

Project Name: Mohave Rd. T3

Project Location: Eddy County

Sample Name: Sewerage Plant

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H231524

11 S-11 S-24 4

12 S-12 S-24 4

13 S-13 S-24 4

14 S-14 S-24 4

15 S-15 S-24 4

16 S-16 S-24 4

17 S-17 S-24 4

18 S-18 S-24 4

19 S-19 S-24 4

20 S-20 S-24 4

(G)RAB OR (C)OMP

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

PHEN

BTEX

Chlorides

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: SPUD

Attn: Bradley Miller

Address:

City:

State:

Phone #:

Fax #:

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Relinquished By:

Date:

09/04/23

Received By:

Bradley Miller

Relinquished By:

Date:

09/04/23

Received By:

Bradley Miller

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

3.7c/3.1c

Sample Condition
Cool intact
☒ Yes ☐ No

CHECKED BY:
(Initials)
7-0

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

REMARKS:

Email results to Chris Jones



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental
Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500
City: Hobbs

Phone #: 575-964-7814 State: NM zip: 88240
Fax #:

Project #:
Project Owner: JPD/12

Project Name: Milbank Feed TB

Project Location: Eddy County

Sample Name: Sewerage Wastewater

FOR LAB USE ONLY

BILL TO

P.O. #:

Company: SPM

Attn: Bradley Welden

Address:

City:

State:

Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D. Sample I.D.

H2315A4

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME
21	S-21						8/1/03	
22	S-22							
23	S-23							
24	S-24							
25	S-25							
26	S-26							
27	S-27							
28	S-28							
29	S-29							
30	S-30							

TPH Ext
BTEX
Chlorides

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Relinquished By:

Date: 01/04/23 Received By:

Time: 0942

Date: Received By:

Relinquished By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

3.22/3.12

#113

Sample Condition
Cool ☒ Intact ☒
Yes ☒ No ☐

CHECKED BY:
(Initials)
AT

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

REMARKS:

Envi sent to Chris Jones.



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental				BILL TO			
Project Manager: Chris Jones				P.O. #:			
Address: 1601 N. Turner St., Ste 500				Company: SP#2			
City: Hobbs				Attn: Betsy Weller			
Phone #: 575-964-7814				State: NM Zip: 88240			
Fax #:				Address:			
Project #:				City:			
Project Name: Michael Feil TB				State:			
Project Location: Eddy County				Zip:			
Sampler Name: Jeremy Walker				Phone #:			
Fax #:							

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	TPH EX.	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
H231536	S-31	S-28	3'										04/03				
31	S-32	S-28	3'														
32	S-33	S-28	3'														
33	S-34	S-28	3'														
34	S-35	S-28	3'														
35	S-36	S-28	3'														
36	S-37	S-28	3'														
37	S-38	S-28	3'														
38	S-39	S-28	3'														
39	S-40	S-28	3'														
40																	

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Relinquished By: [Signature]	Date: 04/18/03	Received By: [Signature]	Date: 04/18/03
Relinquished By: [Signature]	Date:	Received By: [Signature]	Date:
Time:		Time:	

Delivered By: (Circle One)	#113	Sample Condition	CHECKED BY:
Sampler - UPS - Bus - Other:	3.7c/3.1c	Cool Intact	(Initials)
		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	[Signature]
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	[Signature]

REMARKS: Phone Result: ☐ Yes ☐ No Add'l Phone #: Fax Result: ☐ Yes ☐ No Add'l Fax #: **E-mail results for Chris Jones**



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: SRA		ANALYSIS REQUEST											
Address: 1601 N. Turner St., Ste 500		Attn: Bradley Weller													
City: Hobbs		Address:													
Phone #: 575-964-7814		City:													
Fax #: 575-964-7814		State:													
Project #: 575-964-7814		Zip:													
Project Name: Winkelman Fed TB		Phone #:													
Project Location: Eddy County		Fax #:													
Sampler Name: Jeremy Weller															
FOR LAB USE ONLY															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING			
H231536															
S1		S1		4.5											
S2		S2		4.5											
S3		S3		4.5											
S4		S4		4.5											
S5		S5		4.5											
S6		S6		4.5											
S7		S7		4.5											
S8		S8		4.5											
S9		S9		4.5											
S10		S10		4.5											
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Relinquished By: <i>PCW</i>		Date: 8/14/23		Received By: <i>Bradley Weller</i>		Date: 8/14/23		Time: 1:03		TPH Ext.					
Relinquished By: <i>PCW</i>		Date: 8/14/23		Received By: <i>Bradley Weller</i>		Date: 8/14/23		Time: 1:03		BTEX					
Relinquished By: <i>PCW</i>		Date: 8/14/23		Received By: <i>Bradley Weller</i>		Date: 8/14/23		Time: 1:03		Chlorides					
Delivered By: (Circle One)		Sample Condition		CHECKED BY: <i>VP</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:							
Sampler - UPS - Bus - Other: <i>3.7c/3.1c</i>		Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		(Initials)		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:							
		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
REMARKS: <i>Excess results to Chris Jones</i>															



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: Michael Ford TB Project Location: Esch County Sample Name: Drilling Water FOR LAB USE ONLY				BILL TO P.O. #: Company: SPUE Attn: Bradley Walker Address: City: State: Zip: Phone #: Fax #:			
Lab I.D.				Sample I.D.			
4231584				(G)RAB OR (C)OMP.			
61 5.61 SP1 4.5				# CONTAINERS			
62 5.62 SP1 4.5				GROUNDWATER			
63 5.63 SP1 4.5				WASTEWATER			
64 5.64 SP1 4.5				SOIL			
65 5.65 SP1 4.5				OIL			
66 5.66 SP1 4.5				SLUDGE			
67 5.67 SP1 4.5				OTHER :			
68 5.68 SP1 4.5				ACID/BASE:			
69 5.69 SP1 4.5				ICE / COOL			
70 5.70 SP2 4.5				OTHER :			
DATE				TIME			
02/05				TPH Ext.			
BTEX				Chlorides			
REMARKS:				ANALYSIS REQUEST			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:		BILL TO																									
Project Manager: Chris Jones		Company: SPUR2		ANALYSIS REQUEST																									
Address: 1601 N. Turner St., Ste 500		Attn: Brandon Winkler																											
City: Hobbs		Address:																											
Phone #: 575-964-7814		State: NM Zip: 88240																											
Project #:		Project Owner: SPUR2																											
Project Name: Michael Fed 78		City:																											
Project Location: East County		State:																											
Sampler Name: Jeremy Winkler		Phone #:																											
FOR LAB USE ONLY		Fax #:																											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																	
71		SP2 4.5						GROUNDWATER						DATE		TIME													
72		SP2 4.5						WASTEWATER						08/03				TPH Ex.											
73		SP2 4.5						SOIL										BTEX											
74		SP2 4.5						OIL										Chlorides											
75		SP2 4.5						SLUDGE																					
76		SP2 4.5						OTHER:																					
77		SP2 4.5						ACID/BASE:																					
78		SP2 4.5						ICE / COOL																					
79		SP2 4.5						OTHER:																					
80		SP2 4.5																											
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Relinquished By: <i>Chris Jones</i>		Date: 08/14/23		Received By: <i>Brandon Winkler</i>		Date: 08/14/23		Time: 0943		Sample Condition		CHECKED BY: <i>VB</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: <input type="checkbox"/> Add'l Fax #: <input type="checkbox"/>		REMARKS: <i>Final results for Dr. Jones.</i>									
Delivered By: (Circle One)		Sampler - UPS - Bus - Other: <i>3.7c / 3.1c</i>		Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Time: <i>0943</i>		Time: <i>0943</i>		Time: <i>0943</i>		Time: <i>0943</i>		Time: <i>0943</i>		Time: <i>0943</i>		Time: <i>0943</i>		Time: <i>0943</i>									



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: SPUIZ		ANALYSIS REQUEST													
Address: 1601 N. Turner St., Ste 500		Attn: Brenda Valdez															
City: Hobbs		Address:															
Phone #: 575-964-7814		State: NM Zip: 88240															
Project #:		Project Owner: SPUIZ															
Project Name: Wheelock Fed TR		City:															
Project Location: East County		State:															
Sample Name: Groundwater		Phone #:															
FOR LAB USE ONLY		Fax #:															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV	SAMPLING										
				GROUNDWATER													
				WASTEWATER													
				SOIL													
				OIL													
				SLUDGE													
				OTHER:													
				ACID/BASE:													
				ICE / COOL													
				OTHER:													
				DATE	TIME												
81	802 4.5			04/05													
82	802 4.5																
83	802 4.5																
84	802 4.5																
85	802 4.5																
86	802 4.5																
87	802 4.5																
88	802 4.5																
89	802 4.5																
90	802 4.5																
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Relinquished By: <i>[Signature]</i>		Date: 8/14/23		Received By: <i>[Signature]</i>		Date: 8/14/23		REMARKS:									
Reinquinshed By:		Time: 0948		Time:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Add'l Fax #:					
Delivered By: (Circle One)		#113		Sample Condition		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Checked By: <i>[Signature]</i>									
Sampler - UPS - Bus - Other: 3.7c / 3.1c		Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>									
† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2476.																	



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

June 24, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: MOHAWK FED TB

Enclosed are the results of analyses for samples received by the laboratory on 06/18/24 11:40.

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:	06/18/2024	Sampling Date:	06/17/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

Sample ID: S - 1 4.5' (H243568-01)

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	06/21/2024	ND	1.90	94.9	2.00	0.974	
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674	
Total BTX	<0.300	0.300	06/21/2024	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/20/2024	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	197	98.7	200	3.05	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	190	95.2	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 2 4.5' (H243568-02)

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	06/21/2024	ND	1.90	94.9	2.00	0.974	
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674	
Total BTEX	<0.300	0.300	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/20/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	197	98.7	200	3.05	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	190	95.2	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 3 4.5' (H243568-03)

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	06/21/2024	ND	1.90	94.9	2.00	0.974	
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674	
Total BTEX	<0.300	0.300	06/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/20/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	197	98.7	200	3.05	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	190	95.2	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 4 4.5' (H243568-04)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEX	<0.300	0.300	06/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/20/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	197	98.7	200	3.05	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	190	95.2	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 5 4.5' (H243568-05)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEX	<0.300	0.300	06/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/20/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	197	98.7	200	3.05	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	190	95.2	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 6 4.5' (H243568-06)

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	06/21/2024	ND	1.90	94.9	2.00	0.974	
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674	
Total BTX	<0.300	0.300	06/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/20/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	197	98.7	200	3.05	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	190	95.2	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 7 4.5' (H243568-07)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEx	<0.300	0.300	06/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/20/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	197	98.7	200	3.05	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	190	95.2	200	2.31	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 8 4.5' (H243568-08)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEx	<0.300	0.300	06/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/20/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 9 4.5' (H243568-09)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEx	<0.300	0.300	06/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/20/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 10 4.5' (H243568-10)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEx	<0.300	0.300	06/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	32.0	16.0	06/20/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 11 4.5' (H243568-11)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEx	<0.300	0.300	06/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/20/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 12 4.5' (H243568-12)

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	06/21/2024	ND	1.90	94.9	2.00	0.974	
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674	
Total BTEx	<0.300	0.300	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/20/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 13 4.5' (H243568-13)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEx	<0.300	0.300	06/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/20/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 14 4.5' (H243568-14)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEx	<0.300	0.300	06/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/20/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 15 4.5' (H243568-15)

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	06/21/2024	ND	1.90	94.9	2.00	0.974	
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674	
Total BTX	<0.300	0.300	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/20/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 16 4.5' (H243568-16)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEx	<0.300	0.300	06/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/20/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 17 4.5' (H243568-17)

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	06/21/2024	ND	1.90	94.9	2.00	0.974		
Toluene*	<0.050	0.050	06/21/2024	ND	1.92	96.1	2.00	0.832		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.82	91.2	2.00	0.572		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.69	94.9	6.00	0.674		
Total BTEx	<0.300	0.300	06/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/20/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 18 4.5' (H243568-18)

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	06/21/2024	ND	1.73	86.7	2.00	7.22	
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15	
Total BTEx	<0.300	0.300	06/21/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/20/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 19 4.5' (H243568-19)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2024	ND	1.73	86.7	2.00	7.22	
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15	
Total BTX	<0.300	0.300	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/20/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 20 4.5' (H243568-20)

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	06/21/2024	ND	1.73	86.7	2.00	7.22	
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15	
Total BTEX	<0.300	0.300	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	160	16.0	06/20/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 21 4.5' (H243568-21)

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	06/21/2024	ND	1.73	86.7	2.00	7.22	
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15	
Total BTEX	<0.300	0.300	06/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/20/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 22 4.5' (H243568-22)

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	06/21/2024	ND	1.73	86.7	2.00	7.22	
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15	
Total BTEX	<0.300	0.300	06/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/20/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 23 4.5' (H243568-23)

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	06/21/2024	ND	1.73	86.7	2.00	7.22		
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15		
Total BTEx	<0.300	0.300	06/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/20/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S - 24 4.5' (H243568-24)

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	06/21/2024	ND	1.73	86.7	2.00	7.22	
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15	
Total BTX	<0.300	0.300	06/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/20/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/18/2024	Sampling Date:	06/17/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

Sample ID: S - 25 4.5' (H243568-25)

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	06/21/2024	ND	1.73	86.7	2.00	7.22		
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15		
Total BTX	<0.300	0.300	06/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/20/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WSW 1 4.5' (H243568-26)

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	06/21/2024	ND	1.73	86.7	2.00	7.22		
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15		
Total BTEX	<0.300	0.300	06/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/20/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WSW 2 4.5' (H243568-27)

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	06/21/2024	ND	1.73	86.7	2.00	7.22		
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15		
Total BTX	<0.300	0.300	06/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/20/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	183	91.6	200	2.46	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	186	93.2	200	5.41	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WSW 3 4.5' (H243568-28)

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	06/21/2024	ND	1.73	86.7	2.00	7.22		
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15		
Total BTEX	<0.300	0.300	06/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/20/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	202	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	212	106	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SSW 1 4.5' (H243568-29)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2024	ND	1.73	86.7	2.00	7.22	
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15	
Total BTX	<0.300	0.300	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/20/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	202	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	212	106	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/18/2024	Sampling Date:	06/17/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

Sample ID: SSW 2 4.5' (H243568-30)

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	06/21/2024	ND	1.73	86.7	2.00	7.22	
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15	
Total BTX	<0.300	0.300	06/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	06/20/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	202	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	212	106	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SSW 3 4.5' (H243568-31)

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	06/21/2024	ND	1.73	86.7	2.00	7.22	
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15	
Total BTX	<0.300	0.300	06/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/20/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	202	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	212	106	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NSW 1 4.5' (H243568-32)

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	06/21/2024	ND	1.73	86.7	2.00	7.22		
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15		
Total BTX	<0.300	0.300	06/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	256	16.0	06/20/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	202	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	212	106	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NSW 2 4.5' (H243568-33)

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	06/21/2024	ND	1.73	86.7	2.00	7.22	
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35	
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35	
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15	
Total BTX	<0.300	0.300	06/21/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/20/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	202	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	212	106	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/18/2024	Sampling Date:	06/17/2024
Reported:	06/24/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY		

Sample ID: ESW 1 4.5' (H243568-34)

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	06/21/2024	ND	1.73	86.7	2.00	7.22		
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15		
Total BTX	<0.300	0.300	06/21/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/20/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	202	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	212	106	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/18/2024
Reported: 06/24/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/17/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: ESW 2 4.5' (H243568-35)

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	06/21/2024	ND	1.73	86.7	2.00	7.22		
Toluene*	<0.050	0.050	06/21/2024	ND	1.82	91.1	2.00	4.35		
Ethylbenzene*	<0.050	0.050	06/21/2024	ND	1.88	93.8	2.00	3.35		
Total Xylenes*	<0.150	0.150	06/21/2024	ND	5.63	93.9	6.00	3.15		
Total BTEx	<0.300	0.300	06/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/20/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/20/2024	ND	202	101	200	4.76	
DRO >C10-C28*	<10.0	10.0	06/20/2024	ND	212	106	200	5.10	
EXT DRO >C28-C36	<10.0	10.0	06/20/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



FOR LAB USE ONLY

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TIME

Chlorides
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CHECKED BY:

(initials)

Page 38 of 41



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST

BILL TO

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: Hobbs Fcd Tank Battery
Project Location:
Sampler Name:

P.O. #:

Company:

Attn:

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FOR LAB USE ONLY

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

June 27, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: MOHAWK FED TB

Enclosed are the results of analyses for samples received by the laboratory on 06/21/24 16:33.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 3 3' (H243710-01)

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	06/26/2024	ND	1.98	98.8	2.00	2.36	
Toluene*	<0.050	0.050	06/26/2024	ND	1.94	96.8	2.00	2.17	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.98	99.2	2.00	2.32	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.88	98.0	6.00	2.09	
Total BTEX	<0.300	0.300	06/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/25/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 4 3' (H243710-02)

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	06/26/2024	ND	1.98	98.8	2.00	2.36		
Toluene*	<0.050	0.050	06/26/2024	ND	1.94	96.8	2.00	2.17		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.98	99.2	2.00	2.32		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.88	98.0	6.00	2.09		
Total BTEX	<0.300	0.300	06/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	06/25/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 4 3' (H243710-03)

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	06/26/2024	ND	1.98	98.8	2.00	2.36	
Toluene*	<0.050	0.050	06/26/2024	ND	1.94	96.8	2.00	2.17	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.98	99.2	2.00	2.32	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.88	98.0	6.00	2.09	
Total BTEX	<0.300	0.300	06/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/25/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 5 3' (H243710-04)

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	06/26/2024	ND	2.07	104	2.00	4.07	
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 6 3' (H243710-05)

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	06/26/2024	ND	2.07	104	2.00	4.07	
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95	
Total BTX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 26 3' (H243710-06)

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	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTX	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	06/25/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 27 3' (H243710-07)

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	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTX	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	06/25/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 28 3' (H243710-08)

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	06/26/2024	ND	2.07	104	2.00	4.07	
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	06/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 29 3' (H243710-09)

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	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTEX	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 30 3' (H243710-10)

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	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTEX	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 31 3' (H243710-11)

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	06/26/2024	ND	2.07	104	2.00	4.07	
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95	
Total BTX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	06/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 32 3' (H243710-12)

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	06/26/2024	ND	2.07	104	2.00	4.07	
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95	
Total BTX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	06/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 33 3' (H243710-13)

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	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTX	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 34 3' (H243710-14)

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	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTX	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 35 3' (H243710-15)

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	06/26/2024	ND	2.07	104	2.00	4.07	
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95	
Total BTX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 36 3' (H243710-16)

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	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTEx	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 37 3' (H243710-17)

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	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTX	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 38 3' (H243710-18)

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	06/26/2024	ND	2.07	104	2.00	4.07	
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95	
Total BTEx	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 39 3' (H243710-19)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTX	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 40 3' (H243710-20)

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	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTX	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/26/2024	ND	188	94.0	200	1.51	
DRO >C10-C28*	<10.0	10.0	06/26/2024	ND	204	102	200	1.54	
EXT DRO >C28-C36	<10.0	10.0	06/26/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 41 3' (H243710-21)

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	06/26/2024	ND	2.07	104	2.00	4.07		
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95		
Total BTX	<0.300	0.300	06/26/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 42 3' (H243710-22)

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	06/26/2024	ND	2.07	104	2.00	4.07	
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95	
Total BTEX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 43 3' (H243710-23)

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	06/26/2024	ND	2.07	104	2.00	4.07	
Toluene*	<0.050	0.050	06/26/2024	ND	2.27	113	2.00	3.36	
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	2.30	115	2.00	3.23	
Total Xylenes*	<0.150	0.150	06/26/2024	ND	7.04	117	6.00	2.95	
Total BTX	<0.300	0.300	06/26/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/25/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 44 3' (H243710-24)

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	06/26/2024	ND	2.12	106	2.00	2.06		
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128		
Total BTEx	<0.300	0.300	06/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 45 3' (H243710-25)

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	06/26/2024	ND	2.12	106	2.00	2.06		
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128		
Total BTEX	<0.300	0.300	06/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/21/2024
Reported: 06/27/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 06/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 46 3' (H243710-26)

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	06/26/2024	ND	2.12	106	2.00	2.06		
Toluene*	<0.050	0.050	06/26/2024	ND	1.96	97.9	2.00	0.440		
Ethylbenzene*	<0.050	0.050	06/26/2024	ND	1.96	97.8	2.00	0.649		
Total Xylenes*	<0.150	0.150	06/26/2024	ND	5.94	99.0	6.00	0.128		
Total BTEx	<0.300	0.300	06/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 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	128	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2024	ND	193	96.3	200	1.07	
DRO >C10-C28*	<10.0	10.0	06/25/2024	ND	217	109	200	0.804	
EXT DRO >C28-C36	<10.0	10.0	06/25/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST									
Project Manager: Chris Jones		Company: Spur													
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder													
City: Hobbs		Address:													
Phone #: 575-964-7814		City:													
Fax #:		State:													
Project #:		Zip:													
Project Name: Mohave Fed Tank Battery		Phone #:													
Project Location: Rur 21 Eddy		Fax #:													
Sample Name: Chloride Fuel Feeds															
FOR LAB USE ONLY															
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											
H443710		6/21		7:14		Chloride BTCA									
ESW-3		3'													
ESW-4		3'													
W8W-4		3'													
W8W-5		3'													
W8W-6		3'													
S-26		3'													
S-27		3'													
S-28		3'													
S-29		3'													
S-30		3'													
M+5		3'													
M+6		3'													
M+7		3'													
M+8		3'													
M+9		3'													
M+10		3'													
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Relinquished By: <i>Chris Jones</i>		Date: 6/21		Received By: <i>Spur</i>		REMARKS:									
Relinquished By: <i>Chris Jones</i>		Time: 10:33		Time: <i>10:33</i>		REMARKS:									
Delivered By: (Circle One) <i>4.2</i>		Sample Condition		CHECKED BY: <i>Spur</i>		REMARKS:									
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		REMARKS:									
Sampler - UPS - Bus - Other: <i>#140</i>						REMARKS:									

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Chris Jones		Company: Spur					
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder					
City: Hobbs		Address:					
Phone #: 575-964-7814		City:					
Fax #:		State: Zip:					
Project #: Project Owner: Spur		Phone #:					
Project Name:		Fax #:					
Project Location:		PRESERV.		SAMPLING			
Sampler Name:							
FOR LAB USE ONLY							
Lab I.D.		Sample I.D.					
H445710		5-31 31					
11-12 31		5-32 31					
13-14 31		5-33 31					
15-16 31		5-34 31					
17-18 31		5-35 31					
19-20 31		5-36 31					
21-22 31		5-37 31					
23-24 31		5-38 31					
25-26 31		5-39 31					
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175-176 31							



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

July 09, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: MOHAWK FED BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/01/24 17:01.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "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:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 47 4.5 (H243946-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/05/2024	ND	2.00	100	2.00	2.14	
Toluene*	<0.050	0.050	07/05/2024	ND	2.10	105	2.00	2.79	
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.17	109	2.00	3.06	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.65	111	6.00	2.98	
Total BTEx	<0.300	0.300	07/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/05/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 48 4.5 (H243946-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/05/2024	ND	2.00	100	2.00	2.14	
Toluene*	<0.050	0.050	07/05/2024	ND	2.10	105	2.00	2.79	
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.17	109	2.00	3.06	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.65	111	6.00	2.98	
Total BTEX	<0.300	0.300	07/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/05/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 49 4.5 (H243946-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/05/2024	ND	2.00	100	2.00	2.14	
Toluene*	<0.050	0.050	07/05/2024	ND	2.10	105	2.00	2.79	
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.17	109	2.00	3.06	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.65	111	6.00	2.98	
Total BTEX	<0.300	0.300	07/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	07/05/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 50 4.5 (H243946-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.00	100	2.00	2.14		
Toluene*	<0.050	0.050	07/05/2024	ND	2.10	105	2.00	2.79		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.17	109	2.00	3.06		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.65	111	6.00	2.98		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 51 4.5 (H243946-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 52 4.5 (H243946-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/05/2024	ND	1.92	95.8	2.00	4.66	
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91	
Total BTEX	<0.300	0.300	07/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/05/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 53 4.5 (H243946-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 54 4.5 (H243946-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 55 4.5 (H243946-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 56 4.5 (H243946-10)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/05/2024	ND	1.92	95.8	2.00	4.66	
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91	
Total BTEX	<0.300	0.300	07/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/05/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 57 4.5 (H243946-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 58 4.5 (H243946-12)

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	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02		
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5		
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND						

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 59 4.5 (H243946-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 60 4.5 (H243946-14)

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	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	200	99.8	200	5.02	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	196	98.2	200	10.5	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 62 4.5 (H243946-16)

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	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 63 4.5 (H243946-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/05/2024	ND	1.92	95.8	2.00	4.66	
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91	
Total BTEX	<0.300	0.300	07/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 64 4.5 (H243946-18)

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	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 65 4.5 (H243946-19)

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	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 66 4.5 (H243946-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 67 4.5 (H243946-21)

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	07/05/2024	ND	1.92	95.8	2.00	4.66		
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 68 4.5 (H243946-22)

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	07/05/2024	ND	1.92	95.8	2.00	4.66	
Toluene*	<0.050	0.050	07/05/2024	ND	1.97	98.4	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.03	101	2.00	7.03	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.08	101	6.00	6.91	
Total BTEX	<0.300	0.300	07/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/05/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 69 4.5 (H243946-23)

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	07/06/2024	ND	2.03	102	2.00	1.84		
Toluene*	<0.050	0.050	07/06/2024	ND	1.98	99.0	2.00	1.50		
Ethylbenzene*	<0.050	0.050	07/06/2024	ND	1.99	99.7	2.00	1.07		
Total Xylenes*	<0.150	0.150	07/06/2024	ND	5.87	97.8	6.00	1.21		
Total BTEX	<0.300	0.300	07/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	07/05/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 70 4.5 (H243946-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/06/2024	ND	2.03	102	2.00	1.84	
Toluene*	<0.050	0.050	07/06/2024	ND	1.98	99.0	2.00	1.50	
Ethylbenzene*	<0.050	0.050	07/06/2024	ND	1.99	99.7	2.00	1.07	
Total Xylenes*	<0.150	0.150	07/06/2024	ND	5.87	97.8	6.00	1.21	
Total BTEX	<0.300	0.300	07/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	07/05/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 71 4.5 (H243946-25)

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	07/06/2024	ND	2.03	102	2.00	1.84		
Toluene*	<0.050	0.050	07/06/2024	ND	1.98	99.0	2.00	1.50		
Ethylbenzene*	<0.050	0.050	07/06/2024	ND	1.99	99.7	2.00	1.07		
Total Xylenes*	<0.150	0.150	07/06/2024	ND	5.87	97.8	6.00	1.21		
Total BTEX	<0.300	0.300	07/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	07/05/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 72 4.5 (H243946-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	368	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 73 4.5 (H243946-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 74 4.5 (H243946-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	26.9	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 75 4.5 (H243946-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	126	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	33.8	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 76 4.5 (H243946-30)

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	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 77 4.5 (H243946-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	33.9	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 78 4.5 (H243946-32)

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	07/05/2024	ND	2.05	103	2.00	3.79	
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55	
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32	
Total BTEX	<0.300	0.300	07/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/05/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 79 4.5 (H243946-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14	
DRO >C10-C28*	181	10.0	07/05/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	55.8	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 80 4.5 (H243946-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	256	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	221	111	200	3.14		
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	210	105	200	5.73		
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND						

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 81 4.5 (H243946-35)

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	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	07/05/2024	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	221	111	200	3.14	
DRO >C10-C28*	38.7	10.0	07/08/2024	ND	210	105	200	5.73	
EXT DRO >C28-C36	17.5	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 82 4.5 (H243946-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 83 4.5 (H243946-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	35.6	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	15.4	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 84 4.5 (H243946-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	384	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	204	102	200	3.10		
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	198	99.1	200	5.65		
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 85 4.5 (H243946-39)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	204	102	200	3.10	
DRO >C10-C28*	14.7	10.0	07/05/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 86 4.5 (H243946-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 87 4.5 (H243946-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	60.3	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	24.9	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 88 4.5 (H243946-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	192	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 89 4.5 (H243946-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 90 4.5 (H243946-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	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	208	16.0	07/05/2024	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: S - 91 4.5 (H243946-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.05	103	2.00	3.79		
Toluene*	<0.050	0.050	07/05/2024	ND	1.99	99.7	2.00	3.55		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.01	100	2.00	3.17		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	5.91	98.5	6.00	3.32		
Total BTEX	<0.300	0.300	07/05/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	224	16.0	07/08/2024	ND	416	104	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	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: NSW - 2 4.5 (H243946-46)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.14	107	2.00	1.22		
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21	QR-03	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36	QR-03	
Total BTEx	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	07/08/2024	ND	416	104	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	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: WSW - 7 4.5 (H243946-47)

BTEx 8021B			mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.14	107	2.00	1.22		
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/08/2024	ND	416	104	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	07/05/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: WSW - 8 4.5 (H243946-48)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.14	107	2.00	1.22		
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/08/2024	ND	416	104	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	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: SSW - 7 4.5 (H243946-49)

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	07/05/2024	ND	2.14	107	2.00	1.22		
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/08/2024	ND	416	104	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	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: SSW - 6 4.5 (H243946-50)

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	07/05/2024	ND	2.14	107	2.00	1.22		
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/08/2024	ND	416	104	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	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: SSW - 5 4.5 (H243946-51)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/05/2024	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36	
Total BTEX	<0.300	0.300	07/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	07/08/2024	ND	416	104	400	3.92	

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	92.5	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	45.2	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 155 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: SSW - 4 4.5 (H243946-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/05/2024	ND	2.14	107	2.00	1.22	
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28	
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21	
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36	
Total BTEX	<0.300	0.300	07/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/08/2024	ND	416	104	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	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: ESW - 5 4.5 (H243946-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.14	107	2.00	1.22		
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36		
Total BTEx	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	07/08/2024	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	204	102	200	3.10	
DRO >C10-C28*	284	10.0	07/08/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	149	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 152 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: NSW - 5 4.5 (H243946-54)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.14	107	2.00	1.22		
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	07/08/2024	ND	416	104	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	07/06/2024	ND	204	102	200	3.10	
DRO >C10-C28*	24.7	10.0	07/06/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	12.6	10.0	07/06/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: NSW - 4 4.5 (H243946-55)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.14	107	2.00	1.22		
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	07/08/2024	ND	416	104	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	07/06/2024	ND	204	102	200	3.10	
DRO >C10-C28*	<10.0	10.0	07/06/2024	ND	198	99.1	200	5.65	
EXT DRO >C28-C36	<10.0	10.0	07/06/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/01/2024	Sampling Date:	06/28/2024
Reported:	07/09/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR-RURAL EDDY		

Sample ID: NSW - 3 4.5 (H243946-56)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/05/2024	ND	2.14	107	2.00	1.22		
Toluene*	<0.050	0.050	07/05/2024	ND	2.26	113	2.00	1.28		
Ethylbenzene*	<0.050	0.050	07/05/2024	ND	2.25	113	2.00	1.21		
Total Xylenes*	<0.150	0.150	07/05/2024	ND	6.95	116	6.00	1.36		
Total BTEX	<0.300	0.300	07/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	07/08/2024	ND	416	104	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	07/05/2024	ND	195	97.4	200	0.0226	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	194	97.2	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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. #:		ANALYSIS REQUEST	
Project Manager: Chris Jones		Company: Spur			
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder			
City: Hobbs		Address:			
Phone #: 575-964-7814		Fax #:			
Project #:		Project Owner: Spur			
Project Name: Mett Hawk Fed Baf 147		City:			
Project Location: Rurel Eddy		State:			
Sampler Name: Juan Xirna		Phone #:			
FOR LAB USE ONLY		Fax #:			
Lab I.D.		Sample I.D.			
4213040		4.5			
2		4.5			
3		4.5			
4		4.5			
5		4.5			
6		4.5			
7		4.5			
8		4.5			
9		4.5			
10		4.5			
11		4.5			
12		4.5			
13		4.5			
14		4.5			
15		4.5			
16		4.5			
17		4.5			
18		4.5			
19		4.5			
20		4.5			
21		4.5			
22		4.5			
23		4.5			
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25		4.5			
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31		4.5			
32		4.5			
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35		4.5			
36		4.5			
37		4.5			
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39		4.5			
40		4.5			
41		4.5			
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46		4.5			
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48		4.5			
49		4.5			
50		4.5			
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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		BILL TO		ANALYSIS REQUEST	
Project Manager: Chris Jones		P.O. #:			
Address: 1601 N. Turner St., Ste 500		Company: Spur			
City: Hobbs		Attn: Brady Moulder			
Phone #: 575-964-7814		Address:			
Fax #:		City:			
Project #:		State:			
Project Location:		Phone #:			
Sampler Name: Jeremy Maner		Fax #:			
FOR LAB USE ONLY		MATRIX		PRESERV	
Lab I.D.		Sample I.D.		DATE	
11 5-57 4.5		(G)RAB OR (C)OMP.		6/28	
12 5-58 4.5		# CONTAINERS		TIME	
13 5-59 4.5		GROUNDWATER			
14 5-60 4.5		WASTEWATER			
15 5-61 4.5		SOIL			
16 5-62 4.5		OIL			
17 5-63 4.5		SLUDGE			
18 5-64 4.5		OTHER :			
19 5-65 4.5		ACID/BASE:			
20 5-66 4.5		ICE / COOL			
		OTHER :			
		DATE			
		TIME			
		Chlorides			
		TPH			
		BTEX			
		NO Sample			
		7/2/24			
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Relinquished Date: 4-1-24		Time: 1701		REMARKS:	
Delivered By: (Circle One)		Sample Condition		CHECKED BY:	
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Sampler - UPS - Bus - Other: 4-1-24 #140		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
				All samples @ 4.5 ft	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO																			
Project Manager: Chris Jones		Company: Spur		ANALYSIS REQUEST																			
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder																					
City: Hobbs		Address:																					
Phone #: 575-964-7814		City:																					
Fax #:		State:																					
Project #:		Zip:																					
Project Name:		Phone #:																					
Project Location:		Fax #:																					
Sampler Name: Jeremy Maner		Matrix		PRESERV		SAMPLING																	
FOR LAB USE ONLY		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME	
Lab I.D.		Sample I.D.		G/RAB OR (C)OMP.		# CONTAINERS		DATE		TIME													
21		5-67		4.5		6		4.5		4.5		Chlorides											
22		5-68		4.5								TPH											
23		5-69		4.5								BTEX											
24		5-70		4.5																			
25		5-71		4.5																			
26		5-72		4.5																			
27		5-73		4.5																			
28		5-74		4.5																			
29		5-75		4.5																			
30		5-76		4.5																			
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Relinquished By:		Date: 7-1-24		Received By:		Date: 7-1-24		Time: 1:01		Received By:		Time:		REMARKS: All samples @ 4.5 FT									
Delivered By: (Circle One)		Sample Condition		Cool		Impact		Checked BY:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:											
Sampler - UPS - Bus - Other: 4-lic #140		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:													

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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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		BILL TO		ANALYSIS REQUEST																															
Project Manager: Chris Jones		P.O. #:																																	
Address: 1601 N. Turner St., Ste 500		Company: Spur																																	
City: Hobbs		Attn: Brady Moulder																																	
Phone #: 575-964-7814		Address:																																	
Fax #:		City:																																	
Project #:		State:																																	
Project Name:		Zip:																																	
Project Location:		Phone #:																																	
Sample Name: Jeremy Maner		Fax #:																																	
FOR LAB USE ONLY																																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE	TIME												
		# CONTAINERS																																	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO																									
Project Manager: Chris Jones		Company: Spur		ANALYSIS REQUEST																									
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder																											
City: Hobbs		Address:																											
Phone #: 575-964-7814		City:																											
Fax #:		State:																											
Project #:		Zip:																											
Project Name:		Fax #:																											
Project Location:		Phone #:																											
Sampler Name: Jeremy Maner		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	
H243944		55W-5 4.5'		4		1		1		1		1		1		1		1		1		1		1		1		1	
51		55W-4 4.5																											
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56		55W-3 4.5																											
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Reinquisitioned By:		Date: 8-1-24		Received By: Speedier		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: 4.5		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:		REMARKS: All samples 4.5 FT															
Time: 7:01		Date: 8-1-24		Received By: Speedier		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: 4.5		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:		REMARKS: All samples 4.5 FT															
Time:		Date:		Received By:		Phone Result:		Add'l Phone #:		Fax Result:		Add'l Fax #:		REMARKS:															
Delivered By: (Circle One)		4.5		Sample Condition		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		CHECKED BY: SP																					
Sampler - UPS - Bus - Other:		#140		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>																							

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

July 10, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: MOHAWK FED TB

Enclosed are the results of analyses for samples received by the laboratory on 07/03/24 8:18.

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: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 27 (H243993-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.04	102	2.00	4.15	
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	5.23	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	6.05	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.79	113	6.00	4.85	
Total BTEX	<0.300	0.300	07/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	192	16.0	07/08/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	201	101	200	4.09	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	210	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 28 (H243993-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.04	102	2.00	4.15	
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	5.23	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	6.05	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.79	113	6.00	4.85	
Total BTEx	<0.300	0.300	07/09/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/08/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	201	101	200	4.09	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	210	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 123 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 29 (H243993-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.04	102	2.00	4.15	
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	5.23	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	6.05	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.79	113	6.00	4.85	
Total BTEX	<0.300	0.300	07/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	176	16.0	07/08/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	201	101	200	4.09	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	210	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 30 (H243993-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	2.04	102	2.00	4.15	
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	5.23	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	6.05	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.79	113	6.00	4.85	
Total BTEX	<0.300	0.300	07/09/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/08/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	201	101	200	4.09	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	210	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 32 (H243993-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.04	102	2.00	4.15		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	6.05		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.79	113	6.00	4.85		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	07/08/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	201	101	200	4.09	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	210	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 92 (H243993-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.04	102	2.00	4.15		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	6.05		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.79	113	6.00	4.85		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/08/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	200	99.8	200	3.41	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	193	96.5	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 93 (H243993-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.04	102	2.00	4.15		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	6.05		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.79	113	6.00	4.85		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/08/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	200	99.8	200	3.41	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	193	96.5	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: NSW - 6 (H243993-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.04	102	2.00	4.15		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	6.05		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.79	113	6.00	4.85		
Total BTEX	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/08/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	200	99.8	200	3.41	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	193	96.5	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: ESW - 6 (H243993-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	2.04	102	2.00	4.15		
Toluene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	5.23		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.20	110	2.00	6.05		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.79	113	6.00	4.85		
Total BTEx	<0.300	0.300	07/09/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	07/08/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	200	99.8	200	3.41	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	193	96.5	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/02/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: WSW - 9 (H243993-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/09/2024	ND	1.96	98.1	2.00	2.36	
Toluene*	<0.050	0.050	07/09/2024	ND	1.96	97.8	2.00	2.20	
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.09	104	2.00	1.55	
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.15	102	6.00	1.78	
Total BTEX	<0.300	0.300	07/09/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/08/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	200	99.8	200	3.41	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	193	96.5	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/03/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SSW - 8 (H243993-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/09/2024	ND	1.96	98.1	2.00	2.36		
Toluene*	<0.050	0.050	07/09/2024	ND	1.96	97.8	2.00	2.20		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.09	104	2.00	1.55		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.15	102	6.00	1.78		
Total BTEX	<0.300	0.300	07/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/08/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	200	99.8	200	3.41	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	193	96.5	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/03/2024
Reported: 07/10/2024
Project Name: MOHAWK FED TB
Project Number: NOT GIVEN
Project Location: SPUR - EDDY

Sampling Date: 07/03/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: S - 61 (H243993-12)

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	07/09/2024	ND	1.96	98.1	2.00	2.36		
Toluene*	<0.050	0.050	07/09/2024	ND	1.96	97.8	2.00	2.20		
Ethylbenzene*	<0.050	0.050	07/09/2024	ND	2.09	104	2.00	1.55		
Total Xylenes*	<0.150	0.150	07/09/2024	ND	6.15	102	6.00	1.78		
Total BTEX	<0.300	0.300	07/09/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	07/08/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/08/2024	ND	200	99.8	200	3.41	
DRO >C10-C28*	<10.0	10.0	07/08/2024	ND	193	96.5	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	07/08/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM Zip: 88240

Phone #: 575-964-7814

Fax #:

Project Owner: Spur

Project Name: Motawx Fed TB

Project Location: Rivet Eddy

Sample Name: ~~XXXXXXXXXX~~ Angel O. Peña

FOR LAB USE ONLY

Lab I.D. Sample I.D.

1243993

5-27

5-28

5-29

5-30

5-31

5-32

5-33

5-34

5-35

5-36

5-37

5-38

5-39

5-40

5-41

5-42

5-43

5-44

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

07/02

Chlorides
BTEX
TPH

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Spur

Attn: Brady Moulder

Address:

City:

State:

Zip:

Phone #:

Fax #:

PRESERV

SAMPLING

Relinquished By:

Date: 07/03

Time: 0818

Received By:

Date: 07/03

Time: 0818

Relinquished By:

Date: 07/03

Time: 0818

REMARKS:

Phone Result:

Fax Result:

Yes

No

Yes

No

Add'l Phone #:

Add'l Fax #:

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

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		P.O. #:		BILL TO										ANALYSIS REQUEST									
Project Manager: Chris Jones		Company: Spur																					
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder																					
City: Hobbs		Address:																					
Phone #: 575-964-7814		City:																					
Fax #:		State:																					
Project #:		Zip:																					
Project Name: New Mexico 134th		Phone #:																					
Project Location: Area 6ddy		Fax #:																					
Sample Name: Area 6ddy Area 6. Per		PRESERV:																					
FOR LAB USE ONLY		SAMPLING																					
Lab I.D.		Sample I.D.																					
H243993		35W-8																					
11		5-61																					
12		4																					
		(G)RAB OR (C)OMP.																					
		# CONTAINERS																					
		GROUNDWATER																					
		WASTEWATER																					
		SOIL																					
		OIL																					
		SLUDGE																					
		OTHER :																					
		ACID/BASE:																					
		ICE / COOL																					
		OTHER :																					
		DATE																					
		TIME																					
		Chlorides																					
		TPH																					
		BTEX																					

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Relinquished By:	Date: 7-3-24	Received By:	Time: 0818
Delivered By: (Circle One)	4.02	#440	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No
Sampler - UPS - Bus - Other:			CHECKED BY:

REMARKS:

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



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

July 22, 2024

CHRIS JONES

PARAGON ENVIROMENTAL

1601 N TURNER ST., STE 500

HOBBS, NM 88240

RE: MOHAWK FED #1

Enclosed are the results of analyses for samples received by the laboratory on 07/17/24 9:48.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/17/2024
Reported: 07/22/2024
Project Name: MOHAWK FED #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY, NM

Sampling Date: 07/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: S - 75 5' (H244263-01)

TPH 8015M	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	196	97.8	200	0.0552	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	183	91.3	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					
Surrogate: 1-Chlorooctane	75.8 %	48.2-134							
Surrogate: 1-Chlorooctadecane	71.7 %	49.1-148							

Sample ID: S - 79 5' (H244263-02)

TPH 8015M	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	196	97.8	200	0.0552	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	183	91.3	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					
Surrogate: 1-Chlorooctane	75.5 %	48.2-134							
Surrogate: 1-Chlorooctadecane	69.2 %	49.1-148							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/17/2024
Reported: 07/22/2024
Project Name: MOHAWK FED #1
Project Number: NOT GIVEN
Project Location: SPUR - EDDY, NM

Sampling Date: 07/15/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SSW - 5 4.5' (H244263-03)

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	196	97.8	200	0.0552	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	183	91.3	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					
Surrogate: 1-Chlorooctane	85.0 %	48.2-134							
Surrogate: 1-Chlorooctadecane	81.2 %	49.1-148							

Sample ID: ESW - 5 4.5' (H244263-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	07/18/2024	ND	416	104	400	3.77	
TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/17/2024	ND	196	97.8	200	0.0552	
DRO >C10-C28*	<10.0	10.0	07/17/2024	ND	183	91.3	200	1.21	
EXT DRO >C28-C36	<10.0	10.0	07/17/2024	ND					
Surrogate: 1-Chlorooctane	86.9 %	48.2-134							
Surrogate: 1-Chlorooctadecane	81.8 %	49.1-148							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

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

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		P.O. #:		BILL TO										ANALYSIS REQUEST																									
Project Manager: Chris Jones		Company: Spur																																					
Address: 1601 N. Turner St., Ste 500		Attn: Brady Moulder																																					
City: Hobbs		Address:																																					
Phone #: 575-964-7814		Fax #:																																					
Project #:		City:																																					
Project Name: Moquet Fed #1		State:																																					
Project Location: Eddy, NM		Zip:																																					
Sampler Name: Eddy, Tristan Jones		Phone #:																																					
FOR LAB USE ONLY		Fax #:																																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		TPH EXT Chlorides									
1244208		5-75		5'		C																				7/18/24													
2		5-79		5'		C																																	
3		5SW 5		4.5'		C																																	
4		5SW 5		4.5'		C																																	
Relinquished By:		Date: 7-18-24		Received By:		Time: 4:16		Sample Condition		Cool		Intact		Checked By:		(Initials)																							
Relinquished By:		Date:		Received By:		Time:		Cool		Intact		Checked By:		(Initials)																									
Delivered By: (Circle One)		1.8c						Yes		Yes		No		No																									
Sampler - UPS - Bus - Other:		#140						Yes		Yes		No		No																									

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



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

August 22, 2022

MICHAEL ALVES

ALVES OILFIELD SOLUTIONS

2215 W BENDER

HOBBS, NM 88240

RE: MOHAWK FEDERAL BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/18/22 9:32.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ALVES OILFIELD SOLUTIONS
 MICHAEL ALVES
 2215 W BENDER
 HOBBS NM, 88240
 Fax To:

Received: 08/18/2022
 Reported: 08/22/2022
 Project Name: MOHAWK FEDERAL BATTERY
 Project Number: SPUR-MOHAWK FEDERAL BATTERY
 Project Location: EDDY

Sampling Date: 08/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 1 @ 6' (H223780-01)

BTEX 80218		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	9.49		
Toluene*	<0.050	0.050	08/20/2022	ND	1.86	92.9	2.00	7.37		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.82	91.1	2.00	5.58		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.69	94.9	6.00	5.05		
Total BTEX	<0.300	0.300	08/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 69.9-140

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	08/19/2022	ND	448	112	400	3.64	

TPH S015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	214	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	227	114	200	0.822	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 125 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 46.3-178

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:

ALVES OILFIELD SOLUTIONS
MICHAEL ALVES
2215 W BENDER
HOBBS NM, 88240
Fax To:

Received: 08/18/2022
Reported: 08/22/2022
Project Name: MOHAWK FEDERAL BATTERY
Project Number: SPUR-MOHAWK FEDERAL BATTERY
Project Location: EDDY

Sampling Date: 08/17/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SP 2 @ 5' (H223780-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	9.49	
Toluene*	<0.050	0.050	08/20/2022	ND	1.86	92.9	2.00	7.37	
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.82	91.1	2.00	5.58	
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.69	94.9	6.00	5.05	
Total BTEX	<0.300	0.300	08/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 102 % 69.9-140

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	08/19/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	214	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	227	114	200	0.822	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 120 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 46.3-178

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Analytical Results For:

ALVES OILFIELD SOLUTIONS
MICHAEL ALVES
2215 W BENDER
HOBBS NM, 88240
Fax To:

Received: 08/18/2022
Reported: 08/22/2022
Project Name: MOHAWK FEDERAL BATTERY
Project Number: SPUR-MOHAWK FEDERAL BATTERY
Project Location: EDDY

Sampling Date: 08/17/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SP 3 @ 4' (H223780-03)

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	08/20/2022	ND	1.85	92.4	2.00	9.49	
Toluene*	<0.050	0.050	08/20/2022	ND	1.86	92.9	2.00	7.37	
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.82	91.1	2.00	5.58	
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.69	94.9	6.00	5.05	
Total BTEX	<0.300	0.300	08/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 69.9-140

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	08/19/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	214	107	200	2.55	
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	227	114	200	0.822	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 46.3-178

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Analytical Results For:

ALVES OILFIELD SOLUTIONS
 MICHAEL ALVES
 2215 W BENDER
 HOBBS NM, 88240
 Fax To:

Received: 08/18/2022
 Reported: 08/22/2022
 Project Name: MOHAWK FEDERAL BATTERY
 Project Number: SPUR-MOHAWK FEDERAL BATTERY
 Project Location: EDDY

Sampling Date: 08/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 4 @ 6' (H223780-04)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	9.49		
Toluene*	<0.050	0.050	08/20/2022	ND	1.86	92.9	2.00	7.37		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.82	91.1	2.00	5.58		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.69	94.9	6.00	5.05		
Total BTEX	<0.300	0.300	08/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 102 % 69.9-140

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	08/19/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	214	107	200	2.55		
DRO >C10-C28*	<10.0	10.0	08/19/2022	ND	227	114	200	0.822		
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND						

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Analytical Results For:

ALVES OILFIELD SOLUTIONS
 MICHAEL ALVES
 2215 W BENDER
 HOBBS NM, 88240
 Fax To:

Received: 08/18/2022
 Reported: 08/22/2022
 Project Name: MOHAWK FEDERAL BATTERY
 Project Number: SPUR-MOHAWK FEDERAL BATTERY
 Project Location: EDDY

Sampling Date: 08/17/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SP 5 @ 4' (H223780-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/20/2022	ND	1.85	92.4	2.00	9.49	
Toluene*	<0.050	0.050	08/20/2022	ND	1.86	92.9	2.00	7.37	
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.82	91.1	2.00	5.58	
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.69	94.9	6.00	5.05	
Total BTEX	<0.300	0.300	08/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	08/19/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	214	107	200	2.55	
DRO >C10-C28*	277	10.0	08/19/2022	ND	227	114	200	0.822	
EXT DRO >C28-C36	72.9	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 128 % 45.3-161

Surrogate: 1-Chlorooctadecane 143 % 46.3-178

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Analytical Results For:

ALVES OILFIELD SOLUTIONS
MICHAEL ALVES
2215 W BENDER
HOBBS NM, 88240
Fax To:

Received: 08/18/2022
Reported: 08/22/2022
Project Name: MOHAWK FEDERAL BATTERY
Project Number: SPUR-MOHAWK FEDERAL BATTERY
Project Location: EDDY

Sampling Date: 08/17/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: SP 6 @ 4' (H223780-06)

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	08/20/2022	ND	1.85	92.4	2.00	9.49		
Toluene*	<0.050	0.050	08/20/2022	ND	1.86	92.9	2.00	7.37		
Ethylbenzene*	<0.050	0.050	08/20/2022	ND	1.82	91.1	2.00	5.58		
Total Xylenes*	<0.150	0.150	08/20/2022	ND	5.69	94.9	6.00	5.05		
Total BTEX	<0.300	0.300	08/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PII) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2120	16.0	08/19/2022	ND	448	112	400	3.64	QR-03	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/19/2022	ND	214	107	200	2.55	
DRO >C10-C28*	14.4	10.0	08/19/2022	ND	227	114	200	0.822	
EXT DRO >C28-C36	<10.0	10.0	08/19/2022	ND					

Surrogate: 1-Chlorooctane 117 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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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.
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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District III
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Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 376446

QUESTIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 376446
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2216527460
Incident Name	NAPP2216527460 MOHAWK FED TANK BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2203429853] Mohawk Federal Tank Battery

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MOHAWK FED TANK BATTERY
Date Release Discovered	06/13/2022
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications 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: Blow Out Pipeline (Any) Produced Water Released: 200 BBL Recovered: 100 BBL Lost: 100 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 376446

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:	328947
	Action Number:	376446
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	N/A

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 08/22/2024
--	---

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS, Page 3

Action 376446

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	376446
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	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
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.	
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)	7440
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	592
GRO+DRO	(EPA SW-846 Method 8015M)	431
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	06/01/2024
On what date will (or did) the final sampling or liner inspection occur	06/17/2024
On what date will (or was) the remediation complete(d)	07/31/2024
What is the estimated surface area (in square feet) that will be reclaimed	9500
What is the estimated volume (in cubic yards) that will be reclaimed	1500
What is the estimated surface area (in square feet) that will be remediated	9500
What is the estimated volume (in cubic yards) that will be remediated	1500

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

QUESTIONS, Page 4

Action 376446

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 376446
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 08/22/2024
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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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Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 5

Action 376446

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	376446
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

District I

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QUESTIONS, Page 6

Action 376446

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	376446
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	363554
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/15/2024
What was the (estimated) number of samples that were to be gathered	4
What was the sampling surface area in square feet	500

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	9500
What was the total volume (cubic yards) remediated	1500
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	9500
What was the total volume (in cubic yards) reclaimed	1500
Summarize any additional remediation activities not included by answers (above)	N/A

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

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

I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 08/22/2024
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QUESTIONS, Page 7

Action 376446

QUESTIONS (continued)

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 376446
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 376446

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID:
	328947
	Action Number:
	376446
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	8/27/2024