

Spill Volume(Bbls) Calculator		
<i>Inputs in blue, Outputs in red</i>		
Length(Ft)	Width(Ft)	Depth(In)
300.000	100.000	6.000
Cubic Feet Impacted		15000.000
Barrels		2671.42
Soil Type		Clay/Sand
Bbls Assuming 100% Saturation		400.71
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



Spur Energy Partners

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



1 mi

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



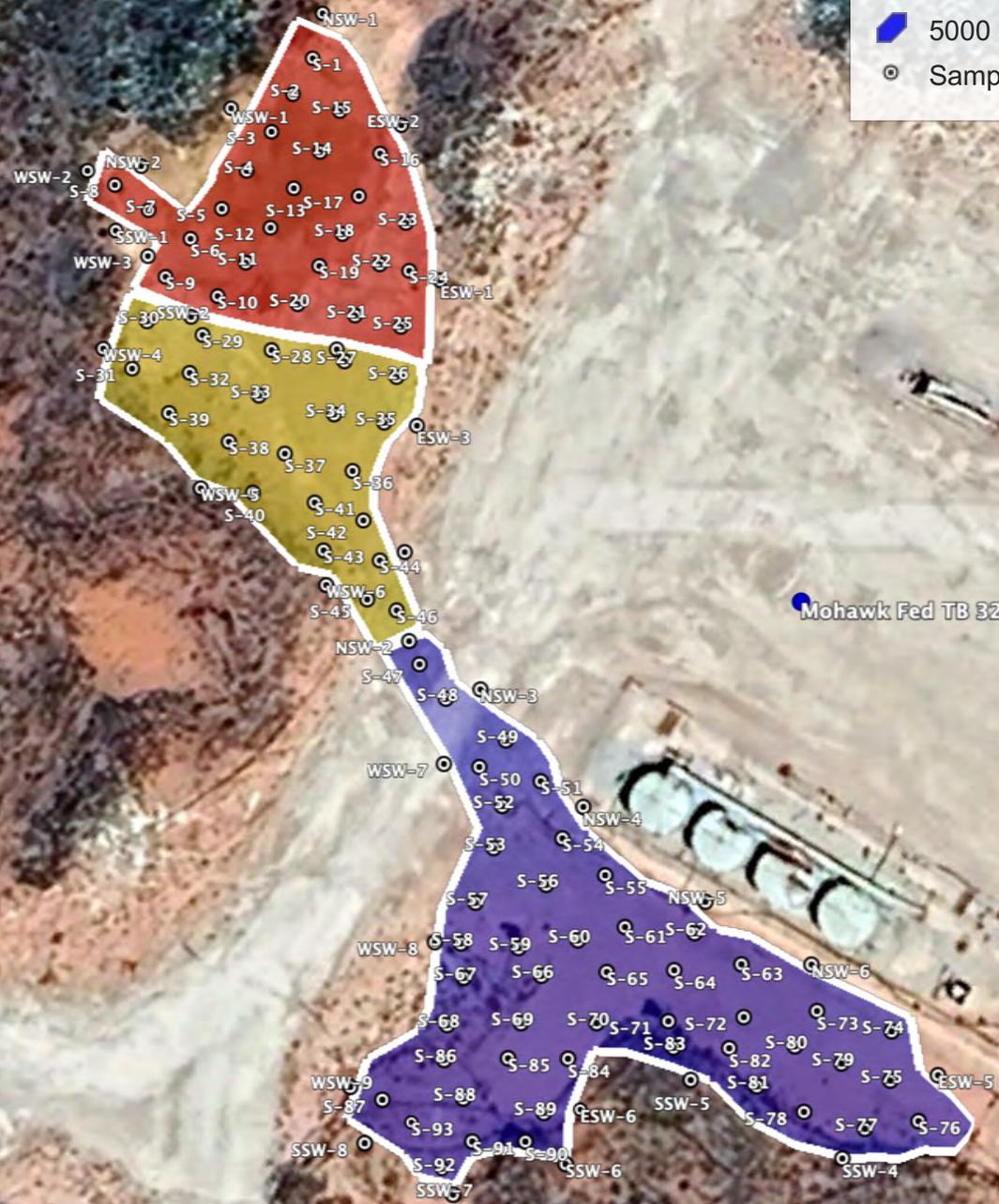
1 mi

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

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 64	Q 16	Q 4	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) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **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

Home Operator Data Action Status Action Search Results Action 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: c_jones1 (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.

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:	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.

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:	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.

Reasons

No reasons found for this submission.

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OCD Permitting

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[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.

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.

Reasons

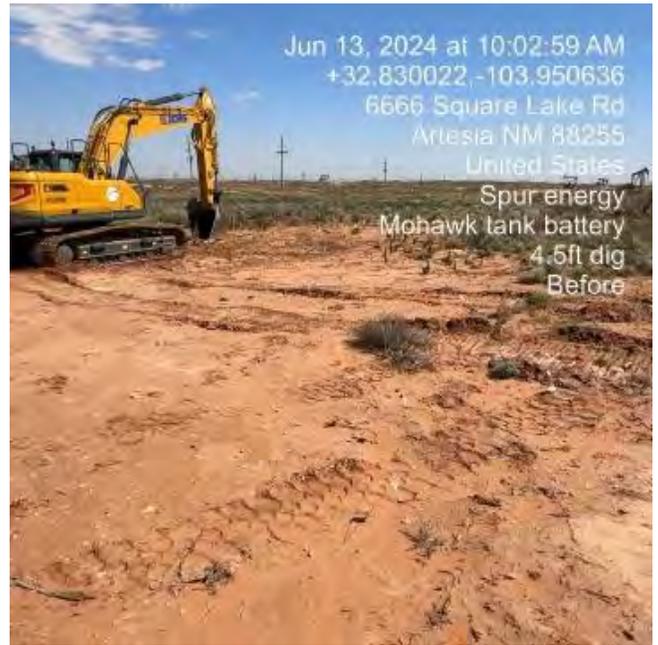
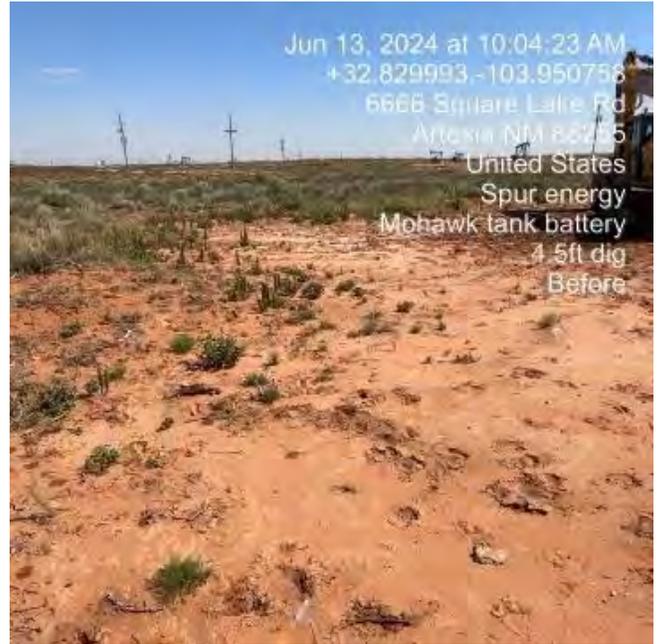
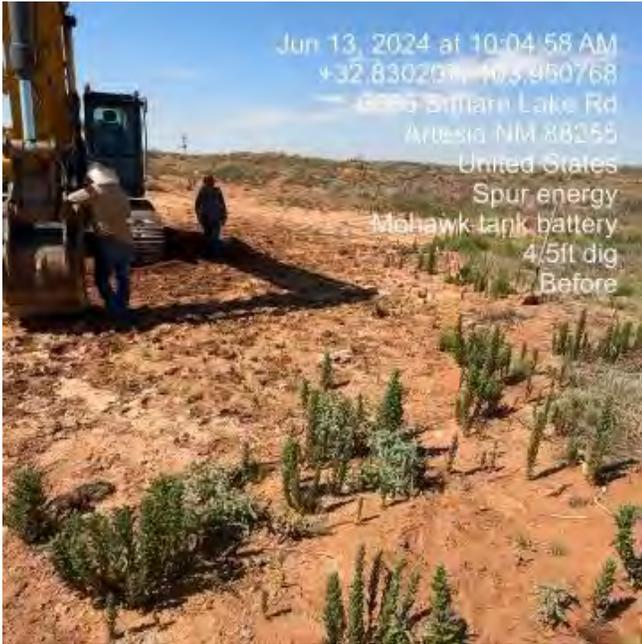
No reasons found for this submission.

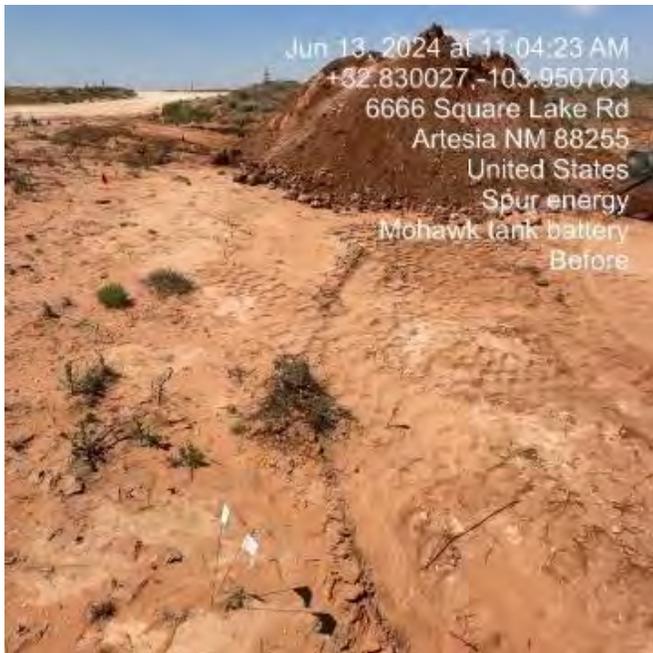
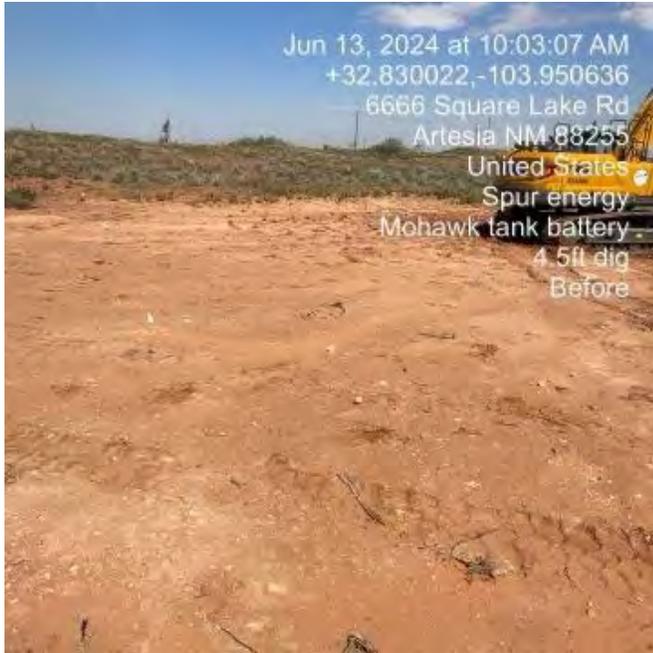
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Photographic Documentation

Before Pictures







Photographic Documentation

During Pictures

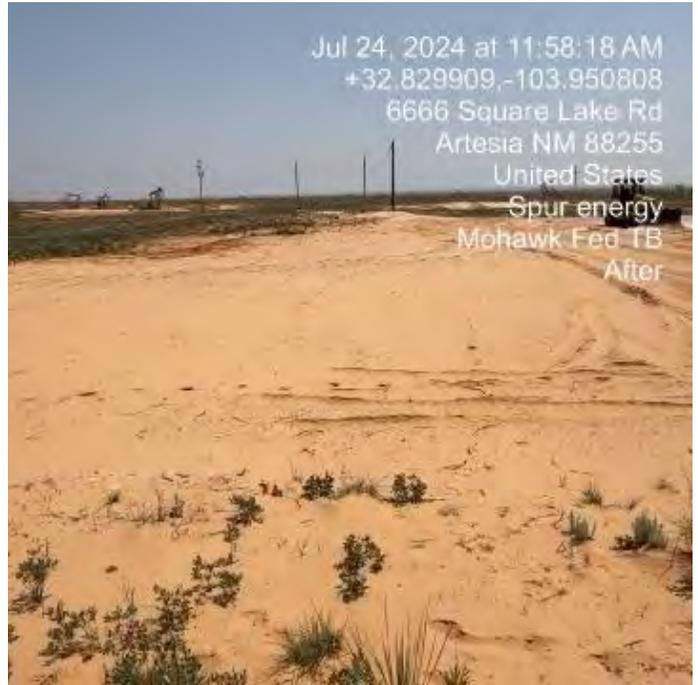


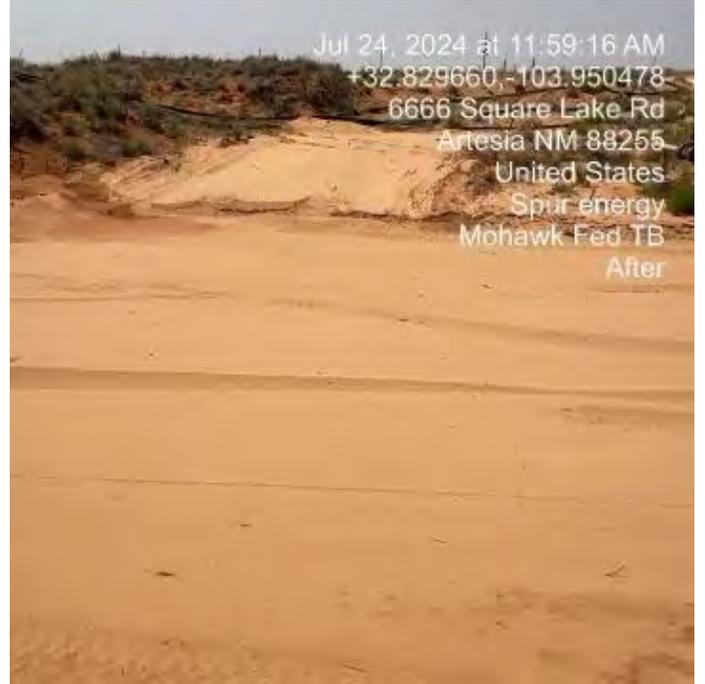




Photographic Documentation

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,

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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-93 SP2 4.5' (H231527-03)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/05/2023	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	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

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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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*=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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500CI-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, 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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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: 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, 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	04/05/2023	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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: 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, 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 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: SW3 COMP. (H231527-12)

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	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) 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: SW5 COMP. (H231527-14)

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	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: 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: SW7 COMP. (H231527-16)

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	04/05/2023	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: 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: SW8 COMP. (H231527-17)

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	04/05/2023	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, 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: 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, 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 119 % 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: 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, 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 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: 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, 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 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: SW12 COMP. (H231527-21)

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	04/05/2023	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, 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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: SW13 COMP. (H231527-22)

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	04/05/2023	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) 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



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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: 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, 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	0.00	

TPH 8015M		mg/kg		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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: 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, 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	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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: 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, SM4500CI-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	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: SW17 COMP. (H231527-26)

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	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) 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	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



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/06/2023	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: 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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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

BILL TO

ANALYSIS REQUEST

Company Name: Pavson Environmental
 Project Manager: Chris Jones
 Address: 1601 N. Turner St. Ste 500
 City: Hobbs State: NM Zip: 88240
 Phone #: 575.964.7814 Fax #: _____
 Project #: _____ Project Owner: SPU2
 Project Name: Wetland Fed TB
 Project Location: Eddy County
 Sampler Name: Jeremy Weaver
 P.O. #: _____ Company: SPU2
 Attn: Bradley Walker
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<u>H231587</u>	<u>1</u>	<u>SP2</u>	<u>4.5</u>									<u>TPH Ext.</u>
	<u>2</u>	<u>SP2</u>	<u>4.5</u>									<u>BTEX</u>
	<u>3</u>	<u>SP2</u>	<u>4.5</u>									<u>Chlorides</u>
	<u>4</u>	<u>SP2</u>	<u>4.5</u>									
	<u>5</u>	<u>SP5</u>	<u>3</u>									
	<u>6</u>	<u>SP5</u>	<u>3</u>									
	<u>7</u>	<u>SP5</u>	<u>3</u>									
	<u>8</u>	<u>SP6</u>	<u>4</u>									
	<u>9</u>	<u>SP6</u>	<u>4</u>									
	<u>10</u>	<u>SWI COND.</u>										

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Relinquished By: [Signature] Date: 02/16/23 Received By: [Signature] Date: 09/03
 Relinquished By: [Signature] Date: _____ Received By: [Signature] Date: _____
 Time: _____ Time: _____

Turnaround Time: Standard Rush
 Bacteria (only) Sample Condition Observed Temp. °C
 Cool In tact Yes No
 Corrected Temp. °C _____

Delivered By: (Circle One) UPS Bus Other: _____
 Observed Temp. °C 3.7 Corrected Temp. °C 3.1
 Sample Condition Cool In tact Yes No
 CHECKED BY: (Initials) [Signature]
 Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____
 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Pivision Environmental
 Project Manager: David Jones
 Address: 1601 W Turner St. Ste 500
 City: Hobbs N.M. State: NM Zip: 88240
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: SPUE
 Project Name: Johnson Fed TB
 Project Location: Eddy County
 Sampler Name: Stacy Tanner
 FOR LAB USE ONLY

BILL TO		ANALYSIS REQUEST	
P.O. #:	Company:		
Attn:	Address:		
City:	State:		
Zip:	Phone #:		
Fax #:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<u>H231527</u>	<u>SW-2</u>	<u>Comp</u>								<u>04/01</u>		<u>TPH Exl</u>
<u>12</u>	<u>SW-3</u>	<u>Comp</u>										<u>BTEX</u>
<u>13</u>	<u>SW-4</u>	<u>Comp</u>										<u>Chlorides</u>
<u>14</u>	<u>SW-5</u>	<u>Comp</u>										
<u>15</u>	<u>SW-6</u>	<u>Comp</u>										
<u>16</u>	<u>SW-7</u>	<u>Comp</u>										
<u>17</u>	<u>SW-8</u>	<u>Comp</u>										
<u>18</u>	<u>SW-9</u>	<u>Comp</u>										
<u>19</u>	<u>SW-10</u>	<u>Comp</u>										
<u>20</u>	<u>SW-11</u>	<u>Comp</u>										

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Relinquished By: Randis
 Date: 04/04/23
 Time: 0942
 Received By: [Signature]
 Date: _____
 Time: _____

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: _____
 Observed Temp. °C: 3.7
 Corrected Temp. °C: 3.1
 Sample Condition: Intact Cool No No

Turnaround Time: Standard Rush
 Thermometer ID #113
 Correction Factor -0.8°C
 Bacteria (only) Sample Condition: Intact Cool No No
 Corrected Temp. °C: _____

* Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: *Karagon Environmental*
Project Manager: *Davis Jones*
Address: *1601 N. Turner St. Ste 500*
City: *Hobbs* State: *Nm* Zip: *88240*
Phone #: _____ Fax #: _____
Project #: _____ Project Owner: *SPUD*

P.O. #: _____
Company: *SPUD*
Attn: *Bradley Walker*
Address: _____
City: _____ State: _____ Zip: _____
Phone #: _____ Fax #: _____

ANALYSIS REQUEST

Project Name: *Midvale Fed TB*
Project Location: *Feddy Country*
Sampler Name: *Environmental*
FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH Ext	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<i>HZ31527</i>														
<i>21</i>	<i>SW12</i>	<i>Camp</i>								<i>04/24</i>				
<i>22</i>	<i>SW13</i>	<i>Camp</i>												
<i>23</i>	<i>SW14</i>	<i>Camp</i>												
<i>24</i>	<i>SW15</i>	<i>Camp</i>												
<i>25</i>	<i>SW16</i>	<i>Camp</i>												
<i>26</i>	<i>SW17</i>	<i>Camp</i>												
<i>27</i>	<i>SW18</i>	<i>Camp</i>												

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Relinquished By: *[Signature]*
Date: *04/24/23*
Time: *0942*

Received By: *[Signature]*
Date: _____
Time: _____

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

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: _____
Observed Temp. °C: *3.7*
Corrected Temp. °C: *3.1*

Turnaround Time: Standard Rush
Thermometer ID #113
Correction Factor -0.8°C
Bacteria (only) Sample Condition
Cool Intact Yes No
Corrected Temp. °C: _____

Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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.

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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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 SP4 4' (H231526-01)

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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-4 SP4 4' (H231526-04)

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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-7 SP4 4' (H231526-07)

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	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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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

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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-11 SP4 4' (H231526-11)

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) 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-12 SP4 4' (H231526-12)

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) 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-13 SP4 4' (H231526-13)

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) 99.3 % 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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-14 SP4 4' (H231526-14)

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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500CI-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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500CI-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500CI-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



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, 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	04/05/2023	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500CI-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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 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, SM4500CI-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, 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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-28 SP3 3' (H231526-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	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) 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500CI-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-32 SP3 3' (H231526-32)

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	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	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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, 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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-36 SP3 3' (H231526-36)

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	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) 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	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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-37 SP3 3' (H231526-37)

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	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) 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-38 SP3 3' (H231526-38)

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	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) 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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-39 SP3 3' (H231526-39)

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	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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-40 SP3 3' (H231526-40)

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	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) 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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-41 SP3 3' (H231526-41)

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	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) 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	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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-43 SP3 3' (H231526-43)

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	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) 97.2 % 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	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



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-44 SP3 3' (H231526-44)

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	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) 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	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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, 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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-46 SP1 4.5' (H231526-46)

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	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) 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500Cl-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-50 SP1 4.5' (H231526-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/05/2023	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) 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-51 SP1 4.5' (H231526-51)

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	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) 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	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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-52 SP1 4.5' (H231526-52)

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	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) 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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-53 SP1 4.5' (H231526-53)

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	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) 92.1 % 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	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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500CI-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-55 SP1 4.5' (H231526-55)

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	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	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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-57 SP1 4.5' (H231526-57)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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, 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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-58 SP1 4.5' (H231526-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, 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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, 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 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-63 SP1 4.5' (H231526-63)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, 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 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-66 SP1 4.5' (H231526-66)

BTEX 8021B		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) 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-67 SP1 4.5' (H231526-67)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500CI-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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-71 SP2 4.5' (H231526-71)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-72 SP2 4.5' (H231526-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 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	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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-74 SP2 4.5' (H231526-74)

BTEX 8021B		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	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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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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-75 SP2 4.5' (H231526-75)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-76 SP2 4.5' (H231526-76)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 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	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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500CI-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-79 SP2 4.5' (H231526-79)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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, 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-80 SP2 4.5' (H231526-80)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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, 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-82 SP2 4.5' (H231526-82)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-83 SP2 4.5' (H231526-83)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-84 SP2 4.5' (H231526-84)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-85 SP2 4.5' (H231526-85)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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) 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



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	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, 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	04/05/2023	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

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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-87 SP2 4.5' (H231526-87)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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, 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



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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, SM4500CI-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



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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-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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Analytical Results For:

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

Received:	04/04/2023	Sampling Date:	04/03/2023
Reported:	04/06/2023	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-90 SP2 4.5' (H231526-90)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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, 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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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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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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
 Project Manager: Chris Jones
 Address: 1601 N. Turner St., Ste 500
 City: Hobbs State: NM zip: 88240
 Phone #: 575-964-7814 Fax #:
 Project #:
 Project Name: *Milwaukee Fed TR* Project Owner: *SPV2*
 Project Location: *East* City: State: Zip:
 Sampler Name: *Devin W. Wilkey* Phone #: Fax #:
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	REMARKS	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE				ICE / COOL
<i>H231536</i>	<i>5.1</i>	<i>SP4</i>	<i>4</i>									<i>8/15</i>	<i>1:00 PM</i>	<i>PPH Ext</i>
	<i>5.2</i>	<i>SP4</i>	<i>4</i>											<i>BTEX</i>
	<i>5.3</i>	<i>SP4</i>	<i>4</i>											<i>Chlorides</i>
	<i>5.4</i>	<i>SP4</i>	<i>4</i>											
	<i>5.5</i>	<i>SP4</i>	<i>4</i>											
	<i>5.6</i>	<i>SP4</i>	<i>4</i>											
	<i>5.7</i>	<i>SP4</i>	<i>4</i>											
	<i>5.8</i>	<i>SP4</i>	<i>4</i>											
	<i>5.9</i>	<i>SP4</i>	<i>4</i>											
	<i>5.10</i>	<i>SP4</i>	<i>4</i>											

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Relinquished By: *[Signature]* Date: *8/14/23* Time: *1:42*
 Received By: *[Signature]* Date: *8/14/23* Time: *1:42*
 Requisitioned By: *[Signature]* Date: *8/14/23* Time: *1:42*
 Received By: *[Signature]* Date: *8/14/23* Time: *1:42*

Delivered By: (Circle One) UPS Bus Other
 Sampler - UPS - Bus - Other: *3.7c / 3.1c*
 Sample Condition: Cool Yes No, Intact Yes No
 CHECKED BY: *[Signature]* (Initials) *AD*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS: *Email results to Chris Jones.*

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2476



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 1601 N. Turner St., Ste 500 City: Hobbs Phone #: 575-964-7814 Project #: _____ Project Name: Mohawk Fed. TB Project Location: Eddy County Sampler Name: Jeremy Moore FOR LAB USE ONLY		P.O. #: _____ Company: SP42 Attn: Bradley Miller Address: _____ City: _____ State: _____ Phone #: _____ Fax #: _____	
Lab I.D. H2315246 Sample I.D. _____ (G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____		BILL TO P.O. #: _____ Company: SP42 Attn: Bradley Miller Address: _____ City: _____ State: _____ Phone #: _____ Fax #: _____	
Date: 09/16/23 Time: 0943 Date: 09/16/23 Time: _____ Relinquished By: [Signature] Received By: [Signature]		DATE: 09/16/23 TIME: _____ ANALYSIS REQUEST: PHENOL, BTEX, Chlorides	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 3.7c/3.1c Sample Condition: Cool Intact Checked By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____ REMARKS: Email results to Chris Jones	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: *SP12*

Attn: *Brody Welden*

Address:

City:

State: *NM* Zip: *88240*

Phone #:

Fax #:

P.O. #:

Company: *SP12*

Attn: *Brody Welden*

Address:

City:

State: *NM* Zip: *88240*

Phone #:

Fax #:

Company Name: *Paragon Environmental*
Project Manager: *Chris Jones*
Address: *1601 N. Turner St., Ste 500*
City: *Hobbs* State: *NM* Zip: *88240*
Phone #: *575-964-7814* Fax #:
Project #: Project Owner: *SP12*
Project Name: *Wichita Fed TB*
Project Location: *Edley County*
Sampler Name: *Deanna Williams*

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH Ext	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
<i>H2315A</i>	<i>21</i>	<i>S-21</i>	<i>4</i>												
	<i>22</i>	<i>S-22</i>	<i>4</i>												
	<i>23</i>	<i>S-23</i>	<i>4</i>												
	<i>24</i>	<i>S-24</i>	<i>4</i>												
	<i>25</i>	<i>S-25</i>	<i>4</i>												
	<i>26</i>	<i>S-26</i>	<i>4</i>												
	<i>27</i>	<i>S-27</i>	<i>4</i>												
	<i>28</i>	<i>S-28</i>	<i>3</i>												
	<i>29</i>	<i>S-29</i>	<i>3</i>												
	<i>30</i>	<i>S-30</i>	<i>3</i>												

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Relinquished By: *DRW*
Date: *01/04/23*
Time: *0942*
Received By: *Deanna Williams*
Date: *09/13*
Time: *1113*

Phone Result: Yes No
Fax Result: Yes No
Add'l Phone #:
Add'l Fax #:
REMARKS: *Event results to Chris Jones.*

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: *3.22/3.12*
Sample Condition: Intact Cool
Checked By: *AD*

† Cardinal cannot accept verbal changes. Please fax written changes.



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
 Project Manager: Chris Jones
 Address: 1601 N. Turner St., Ste 500
 City: Hobbs
 Phone #: 575-964-7814
 Project #:
 Project Name: Michael F & TB
 Project Location: Baldy County
 Sampler Name: JENNIFER WARDEN

P.O. #:
 Company: Spuz
 Attn: Bradley Wolden
 Address:
 City:
 State: Zip:
 Phone #:
 Fax #:

FOR LAB USE ONLY	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH Ext.	BTEX	Chlorides
41	S.41	SP3	3			8/23				
42	S.42	SP3	3							
43	S.43	SP3	3							
44	S.44	SP3	3							
45	S.45	SP3	3							
46	S.46	SP1	4.5							
47	S.47	SP1	4.5							
48	S.48	SP1	4.5							
49	S.49	SP1	4.5							
50	S.50	SP1	4.5							

Lab I.D. Sample I.D.
 H331526

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Relinquished By: [Signature]
 Date: 8/23/24
 Received By: [Signature]
 Date: 8/23/24

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: 3.7e / 3.1e #113

Sample Condition: Cool / Intact
 Checked By: [Signature]
 REMARKS: Email results to 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
 Project Manager: Chris Jones
 Address: 1601 N. Turner St., Ste 500
 City: Hobbs State: NM zip: 88240
 Phone #: 575-964-7814 Fax #: 575-964-7814
 Project #: Project Owner: SP212
 Project Name: Michael Fed TB
 Project Location: Eddy County
 Sampler Name: Jeremy W Moore
 FOR LAB USE ONLY

BILL TO
 P.O. #: Company: SP212
 Attn: Bradley W. Allen
 Address: City: State: Zip: Phone #: Fax #:
PRESERV
 DATE: TIME: SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH Ext	BTEX	Chlorides
H231526	S7	SP1	4.5				04/03				
	S2	SP1	4.5								
	S3	SP1	4.5								
	S4	SP1	4.5								
	S5	SP1	4.5								
	S6	SP1	4.5								
	S7	SP1	4.5								
	S8	SP1	4.5								
	S9	SP1	4.5								
	S10	SP1	4.5								

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Relinquished By: *SP212*
 Date: 04/11/23 Received By: *Bradley W. Allen*
 Date: 04/11/23

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: *3.7c/3.1c* #113
 Sample Condition: Cool Intact
 Yes No
 CHECKED BY: *SP*
 REMARKS: *Forward results to Chris Jones*



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

P.O. #:

Company: SPUD

Attn: Bradley Wicks

Address:

City:

State:

Zip:

ANALYSIS REQUEST

Project Name: Michael Erd TB
Project Location: Eschey County
Sampler Name: SPUD
Project #: SPUD
Project Owner: SPUD

FOR LAB USE ONLY
Lab I.D. Sample I.D.
CONTAINERS
MATRIX: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
PRESERV: ACID/BASE, ICE / COOL, OTHER:
SAMPLING: DATE, TIME

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH Ext.	BTEX	Chlorides
H2315386	61	S-61	SP1	4.5							
	62	S-62	SP1	4.5							
	63	S-63	SP1	4.5							
	64	S-64	SP1	4.5							
	65	S-65	SP1	4.5							
	66	S-66	SP1	4.5							
	67	S-67	SP1	4.5							
	68	S-68	SP1	4.5							
	69	S-69	SP1	4.5							
	70	S-70	SP2	4.5							

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Relinquished By: [Signature] Date: 8/14/23 Received By: [Signature] Date: 8/22/23
Relinquished By: [Signature] Date: [] Received By: [Signature] Date: []

Delivered By: (Circle One) UPS Bus Other: 3.7c/3.1c #113
Sample Condition: Cool Intact Yes No No No
CHECKED BY: (Initials) [Signature]

Phone Result: Yes No No Add'l Phone #:
Fax Result: Yes No No Add'l Fax #:
REMARKS: Email results to Chris Jones.



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
 Project Manager: Chris Jones
 Address: 1601 N. Turner St., Ste 500
 City: Hobbs
 State: NM zip: 88240
 Phone #: 575-964-7814
 Fax #: [blank]
 Project #: [blank]
 Project Name: Michael Fed 78
 Project Location: East County
 Sampler Name: Steven Wilson
 Project Owner: SPUR
 City: [blank]
 State: [blank]
 Zip: [blank]
 P.O. #: [blank]
 Company: SPUR
 Attn: Braden Walker
 Address: [blank]
 City: [blank]
 State: [blank]
 Zip: [blank]
 Phone #: [blank]
 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH Exp.	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H031526											08/03				
71	\$71	\$22	4.5												
72	\$72	\$22	4.5												
73	\$73	\$22	4.5												
74	\$74	\$22	4.5												
75	\$75	\$22	4.5												
76	\$76	\$22	4.5												
77	\$77	\$22	4.5												
78	\$78	\$22	4.5												
79	\$79	\$22	4.5												
80	\$80	\$22	4.5												

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Relinquished By: [Signature]
 Date: 08/14/23
 Received By: [Signature]
 Date: 09/13

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

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: 3.7c / 3.1c
 Sample Condition:
 Cool Intact
 Yes No
 Checked By: [Signature]

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental
Project Manager: Chris Jones
Address: 1601 N. Turner St., Ste 500
City: Hobbs
Phone #: 575-964-7814
Project #:

BILL TO

P.O. #:
Company: SP112
Attn: Brenda White
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

Project Name: Wheat Fed TR
Project Location: East County
Sampler Name: James Alvarez
FOR LAB USE ONLY

Project Owner: SP112
City:
State: Zip:
Phone #:
Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX										DATE	TIME	TPH Exi.	BTEX	Chlorides
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	SAMPLING					
81	S-81	SP2	4.5											04/05				
82	S-82	SP2	4.5															
83	S-83	SP2	4.5															
84	S-84	SP2	4.5															
85	S-85	SP2	4.5															
86	S-86	SP2	4.5															
87	S-87	SP2	4.5															
88	S-88	SP2	4.5															
89	S-89	SP2	4.5															
90	S-90	SP2	4.5															

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Relinquished By: *[Signature]* Date: 8/14/23
Received By: *[Signature]* Date: 8/14/23
Time: 13:45
REMARKS: *[Blank]*

Delivered By: (Circle One) #113
Sampler - UPS - Bus - Other: 3.7c / 3.1c
Sample Condition: Intact Cool Yes No
Checked By: *[Signature]*
Phone Result: Yes No
Add'l Phone #:
Fax Result: Yes No
Add'l Fax #:
REMARKS: *[Blank]*

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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 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)

BTEX 8021B		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	<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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
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 - 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, 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	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



PHONE (575) 393-2326 ° 101 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 - 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, 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	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



PHONE (575) 393-2326 ° 101 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 - 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, 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	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



PHONE (575) 393-2326 ° 101 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 - 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	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 - 6 4.5' (H243568-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2024	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, 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	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	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 - 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, 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	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	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 - 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



PHONE (575) 393-2326 ° 101 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 - 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, 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 109 % 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: 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, 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 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	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 - 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, 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 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	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 - 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, 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 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	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 - 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	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 - 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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	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	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 - 15 4.5' (H243568-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2024	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, 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 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	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 - 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, 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 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	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 - 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, 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 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	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 - 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



PHONE (575) 393-2326 ° 101 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 - 19 4.5' (H243568-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/21/2024	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, 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	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 - 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



PHONE (575) 393-2326 ° 101 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 - 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, SM4500CI-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	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 - 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, 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 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	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 - 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	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 - 24 4.5' (H243568-24)

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	06/21/2024	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, SM4500CI-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



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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	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)

BTEX 8021B		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) 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	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: 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, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	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



PHONE (575) 393-2326 ° 101 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: WSW 2 4.5' (H243568-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2024	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) 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	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: 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, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/20/2024	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	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 1 4.5' (H243568-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2024	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) 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)

BTEX 8021B		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) 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

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	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 3 4.5' (H243568-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2024	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) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 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: NSW 1 4.5' (H243568-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2024	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	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	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: NSW 2 4.5' (H243568-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2024	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, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	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)

BTEX 8021B		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: 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

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 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 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, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/20/2024	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

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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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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

2024

Company Name: Paragon Environmental
Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM zip: 88240

Phone #: 575-964-7814 Fax #:

Project #: Project Owner:

Project Name: Project Location:

Sampler Name: FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	DATE	TIME	PRESERVATION		ANALYSIS REQUEST
				ICE / COOL	OTHER	
11	5-18 4.51	6/17				Chlorides
12	5-12 4.51					
13	5-13 4.51					
14	5-14 4.51					
15	5-15 4.51					
16	5-16 4.51					
17	5-17 4.51					
18	5-18 4.51					
19	5-19 4.51					
20	5-20 4.51					

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Relinquished By: *[Signature]* Date: 5-18-24 Time: 11:40
 Received By: *[Signature]* Date: 6/17 Time: *[Blank]*

Delivered By: (Circle One) UPS Bus Other: *D.8c*

Sample Condition: Cool Intact Yes No

CHECKED BY: *[Signature]*

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



101 East Marland, Hobbs, NM 88240
(575) 393-2328 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4 of 4

Company Name: Paragon		P.O. #:		ANALYSIS REQUEST							
Project Manager:		Company:									
Address:		Attn:									
City:		Address:									
Phone #:		City:									
Project #:		State:									
Project Name:		Zip:									
Project Location:		Phone #:									
Sampler Name:		Fax #:									
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chlorides	TPH	BOX
H213008	SW-3		1	SOIL			6/17				
31	NSW-1			WASTEWATER							
32	NSW-2			OIL							
33	ESW-1			SLUDGE							
34	ESW-2			OTHER:							
35	ESW-2			ACID/BASE:							
				ICE / COOL							
				OTHER:							

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Relinquished By: *[Signature]* Date: 8-18-24 Received By: *[Signature]* Date: 8-18-24

Relinquished By: *[Signature]* Date: 8-18-24 Received By: *[Signature]* Date: 8-18-24

Delivered By: (Circle One) Observed Temp. °C: 0.8 Corrected Temp. °C: Yes No

Sampler - UPS - Bus - Other: Sample Condition Cool Intact Yes No

Checked By: (Initials) *[Signature]*

Turnaround Time: Standard Rush Bacteria (only) Sample Condition Cool Intact Yes No

Thermometer ID #140 Correction Factor 0°C

Remarks: All Results are emailed. Please provide Email address:

† Cardinal cannot accept liability changes. Please email changes to celey.keene@cardinal.com



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.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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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Analytical Results For:

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

Received:	06/21/2024	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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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Analytical Results For:

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

Received:	06/21/2024	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: WSW - 6 3' (H243710-05)

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	06/26/2024	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: 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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 26 3' (H243710-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	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: 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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 27 3' (H243710-07)

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	06/26/2024	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: 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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Analytical Results For:

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

Received:	06/21/2024	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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



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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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, SM4500CI-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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PHONE (575) 393-2326 ° 101 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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, SM4500CI-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



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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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 31 3' (H243710-11)

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	06/26/2024	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	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



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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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 32 3' (H243710-12)

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	06/26/2024	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, SM4500CI-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



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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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 33 3' (H243710-13)

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	06/26/2024	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	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



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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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 34 3' (H243710-14)

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	06/26/2024	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, 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



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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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 35 3' (H243710-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	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	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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 37 3' (H243710-17)

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	06/26/2024	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	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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, 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 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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 39 3' (H243710-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/26/2024	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	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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 40 3' (H243710-20)

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	06/26/2024	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) 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	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



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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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 41 3' (H243710-21)

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	06/26/2024	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	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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

Sample ID: S - 43 3' (H243710-23)

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	06/26/2024	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) 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	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



PHONE (575) 393-2326 ° 101 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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, 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 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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, 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	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	Sampling Date:	06/21/2024
Reported:	06/27/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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



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Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental **BILL TO** ANALYSIS REQUEST

Project Manager: Chris Jones P.O. #: **Spur**

Address: 1601 N. Turner St., Ste 500 Company: **Spur**

City: Hobbs State: NM zip: 88240 Attn: Brady Moulder

Phone #: 575-964-7814 Fax #: Address:

Project #: Project Owner: Spur City: State: Zip:

Project Name: *Hobbs & Fed Tank Battery*

Project Location: *Rural Eddy* Phone #: Fax #:

Sampler Name: *Kevin Paul Peas*

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<i>H445710</i>	<i>ESW-3</i>	<i>6</i>							<i>6/21</i>	<i>7:14</i>	<i>Chlorides</i>	
	<i>ESW-4</i>										<i>BTEX</i>	
	<i>WSW-4</i>											
	<i>WSW-5</i>											
	<i>WSW-6</i>											
	<i>S-26</i>											
	<i>S-27</i>											
	<i>S-28</i>											
	<i>S-29</i>											
	<i>S-30</i>											

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Relinquished By: *Chris Jones* Date: *6/21* Received By: *Spur* Date: *6/21*

Delivered By: (Circle One) *UPS* Sample Condition: Cool Intact Yes No

Sampler - UPS - Bus - Other: *4.2i #140* CHECKED BY: *SR*

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
 Project Manager: Chris Jones
 Address: 1601 N. Turner St., Ste 500
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-964-7814 Fax #: _____
 Project #: _____ Project Owner: Spur
 Project Name: _____
 Project Location: _____
 Sampler Name: _____
 FOR LAB USE ONLY

P.O. #: _____ Company: **Spur**
 Attn: Brady Moulder
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
1545110	31										6/21		BTEX
1545110	32												Chlorides
1545110	33												TPH
1545110	34												
1545110	35												
1545110	36												
1545110	37												
1545110	38												
1545110	39												
1545110	40												

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Relinquished By: _____
 Date: 08/21/24
 Time: 10:33
 Received By: *Spur*
 Date: _____
 Time: _____

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

Delivered By: (Circle One) _____
 Sampler - UPS - Bus - Other: 4.2i #140
 Sample Condition: Cool Intact
 Checked By: *SR*

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST	
Project Manager: Chris Jones		P.O. #:			
Address: 1601 N. Turner St., Ste 500		Company: Spur			
City: Hobbs		Attn: Brady Moulder			
Phone #: 575-964-7814		Address:			
Project #:		City:			
Project Name:		State:			
Project Location:		Phone #:			
Sampler Name: <i>[Signature]</i>		Fax #:			
FOR LAB USE ONLY		MATRIX		PRESERV	
Lab I.D.		GROUNDWATER		DATE	
Sample I.D.		WASTEWATER		TIME	
		SOIL			
		OIL			
		SLUDGE			
		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			
		(G)RAB OR (C)OMP.			
		# CONTAINERS			
		DATE			
		TIME			
		TPH			
		Chlorides			
		BTEX			

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Relinquished By: *[Signature]* Date: *8/21* Received By: *Speckmann* Date: *8/23*

Time: *10:33* Time: _____

Delivered By: (Circle One) *4-2i #140* Sample Condition: Cool Intact Yes No

Sampler - UPS - Bus - Other: _____ CHECKED BY: *[Signature]* (Initials)

REMARKS: _____



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".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 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, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	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, SM4500CI-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, 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	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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
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, 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	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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
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, 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 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, 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 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, 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 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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	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



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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 - 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, 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 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/01/2024	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, 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	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, 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	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, 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	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



PHONE (575) 393-2326 ° 101 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 - 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, 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	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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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, 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	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



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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 - 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, 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	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



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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 - 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, 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	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, 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	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, 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	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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	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, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	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, SM4500CI-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, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	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



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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 - 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, SM4500CI-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, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	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



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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 - 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, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	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, 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	07/05/2024	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, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	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



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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 - 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



PHONE (575) 393-2326 ° 101 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 - 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, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	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, SM4500CI-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



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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 - 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, SM4500CI-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, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	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, SM4500CI-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, SM4500CI-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, 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	07/05/2024	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, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	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



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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: 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, SM4500CI-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, 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	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, 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	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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	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, SM4500CI-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, SM4500CI-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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
Project Manager: Chris Jones
Address: 1601 N. Turner St., Ste 500
City: Hobbs State: NM Zip: 88240
Phone #: 575-964-7814 Fax #:
Project #: Project Owner: Spur
Project Name:
Project Location:
Sampler Name: Jeremy Maner

P.O. #:
Company: Spur
Attn: Brady Moulder
Address:
City: State: Zip:
Phone #: Fax #:
PRESERV. SAMPLING

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	ANALYSIS REQUEST
H243940			9										4:58		Chlorides TPH BTEX
21	5-67														
22	5-68														
23	5-69														
24	5-70														
25	5-71														
26	5-72														
27	5-73														
28	5-74														
29	5-75														
30	5-76														

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Relinquished By: *[Signature]*
Date: 7-1-24
Time: 1:01
Received By: *[Signature]*
Date:
Time:
Received By: *[Signature]*

Phone Result: Yes No Add'l Phone #:
Fax Result: Yes No Add'l Fax #:
REMARKS: All samples @ 4.5 FT

Delivered By: (Circle One) *UPS*
Sampler - UPS - Bus - Other: *UPS #140*
Sample Condition Cool Intact
Checked By: *[Signature]*

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental

Project Manager: Chris Jones

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM Zip: 88240

Phone #: 575-964-7814 Fax #:

Project #: Project Owner: Spur

Project Name: State: Zip:

Project Location: Phone #: Fax #:

Sampler Name: Jeremy Maner

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #: Company: Spur

Attn: Brady Moulder

Address:

City: State: Zip:

Phone #: Fax #:

MATRIX PRESERV SAMPLING

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
H24394U													Chlorides
31	5-27		4							4:58			TPH
32	5-28												BTEX
33	5-29												
34	5-30												
35	5-31												
36	5-32												
37	5-33												
38	5-34												
39	5-35												
40	5-36												

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Relinquished By: [Signature]
Received By: [Signature]
Date: 1/20/11
Time: 1:24

Delivered By: (Circle One)
Cool Intact
Sample Condition: Yes No
Sampler - UPS - Bus - Other: 4.1c #1140

REMARKS: All samples @ 4.5 Ft
Phone Result: Yes No Add'l Phone #:
Fax Result: Yes No Add'l Fax #:

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
 Project Manager: Chris Jones
 Address: 1601 N. Turner St., Ste 500
 City: Hobbs State: NM Zip: 88240
 Phone #: 575-964-7814 Fax #: _____
 Project #: _____ Project Owner: Spur
 Project Name: _____ City: _____ State: _____ Zip: _____
 Project Location: _____ Phone #: _____
 Sampler Name: Jeremy Maner Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
H2u 3140													
41	S-87												
42	S-88												
43	S-89												
44	S-90												
45	S-91												
46	NSW-2												
47	WSW-7												
48	WSW-8												
49	SSW-2												
50	SSW-6												

Chlorides
 TPH
 BTEX

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Relinquished By: *[Signature]* Date: 9-1-24 Time: 1:01
 Received By: *[Signature]* Date: _____ Time: _____

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS: All samples 4.5 Ft

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: *4.1 #140*

Sample Condition: Cool Intact
 Yes No

Checked By: *[Signature]*

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



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".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/02/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/02/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/02/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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	Sampling Date:	07/02/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, SM4500CI-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



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/02/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, 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	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



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/02/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, 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	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



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/02/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/02/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	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



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/02/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/02/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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	Sampling Date:	07/03/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/03/2024
Reported:	07/10/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED TB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	SPUR - EDDY		

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, 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 97.1 % 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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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 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	Sampling Date:	07/15/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY, NM		

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					
<i>Surrogate: 1-Chlorooctane</i>		<i>75.8 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>71.7 %</i>	<i>49.1-148</i>						

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					
<i>Surrogate: 1-Chlorooctane</i>		<i>75.5 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>69.2 %</i>	<i>49.1-148</i>						

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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:	07/17/2024	Sampling Date:	07/15/2024
Reported:	07/22/2024	Sampling Type:	Soil
Project Name:	MOHAWK FED #1	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Alyssa Parras
Project Location:	SPUR - EDDY, NM		

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					
<hr/>									
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	
<hr/>									
TPH 8015M	mg/kg	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					
<hr/>									
Surrogate: 1-Chlorooctane	86.9 %	48.2-134							
Surrogate: 1-Chlorooctadecane	81.8 %	49.1-148							

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
 Project Manager: Chris Jones

P.O. #: _____
 Company: **Spur**

Address: 1601 N. Turner St., Ste 500

City: Hobbs State: NM zip: 88240

Phone #: 575-964-7814 Fax #: _____

Project #: _____ Project Owner: Spur

Project Name: *Mohawk Fed #1*

Project Location: *Eddy, NM*

Sampler Name: *Eddy, Tristan Jones*

FOR LAB USE ONLY

MATRIX

PRESERV

SAMPLING

Lab I.D. Sample I.D.

H244208

1 5-75 5' 5' C
2 5-79 5' 5' C
3 55W 5 4.5' C
4 55W ESW 5 4.5' C

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

DATE TIME

7/15/24

TPH EXT Chlorides

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Relinquished By: _____ Date: *7/16/24* Time: *9:16:24* Received By: *Spur*

Relinquished By: _____ Date: _____ Time: _____ Received By: _____

Delivered By: (Circle One) *1-8-c*

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

Sample Condition
 Cool Yes No
 Intact Yes No

CHECKED BY: *AS*

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

REMARKS:

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



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

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 "Celey D. Keene". The signature is written in a cursive style.

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	Sampling Date:	08/17/2022
Reported:	08/22/2022	Sampling Type:	Soil
Project Name:	MOHAWK FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	SPUR-MOHAWK FEDERAL BATTERY	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY		

Sample ID: SP 1 @ 6' (H223780-01)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/20/2022	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

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ALVES OILFIELD SOLUTIONS
 MICHAEL ALVES
 2215 W BENDER
 HOBBS NM, 88240
 Fax To:

Received:	08/18/2022	Sampling Date:	08/17/2022
Reported:	08/22/2022	Sampling Type:	Soil
Project Name:	MOHAWK FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	SPUR-MOHAWK FEDERAL BATTERY	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY		

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 (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 8015M		mg/kg		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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ALVES OILFIELD SOLUTIONS
 MICHAEL ALVES
 2215 W BENDER
 HOBBS NM, 88240
 Fax To:

Received:	08/18/2022	Sampling Date:	08/17/2022
Reported:	08/22/2022	Sampling Type:	Soil
Project Name:	MOHAWK FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	SPUR-MOHAWK FEDERAL BATTERY	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY		

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ALVES OILFIELD SOLUTIONS
 MICHAEL ALVES
 2215 W BENDER
 HOBBS NM, 88240
 Fax To:

Received:	08/18/2022	Sampling Date:	08/17/2022
Reported:	08/22/2022	Sampling Type:	Soil
Project Name:	MOHAWK FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	SPUR-MOHAWK FEDERAL BATTERY	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY		

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ALVES OILFIELD SOLUTIONS
 MICHAEL ALVES
 2215 W BENDER
 HOBBS NM, 88240
 Fax To:

Received:	08/18/2022	Sampling Date:	08/17/2022
Reported:	08/22/2022	Sampling Type:	Soil
Project Name:	MOHAWK FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	SPUR-MOHAWK FEDERAL BATTERY	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY		

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ALVES OILFIELD SOLUTIONS
 MICHAEL ALVES
 2215 W BENDER
 HOBBS NM, 88240
 Fax To:

Received:	08/18/2022	Sampling Date:	08/17/2022
Reported:	08/22/2022	Sampling Type:	Soil
Project Name:	MOHAWK FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	SPUR-MOHAWK FEDERAL BATTERY	Sample Received By:	Shalyn Rodriguez
Project Location:	EDDY		

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 (PIE) 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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Celey D. Keene, Lab Director/Quality Manager



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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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: **SPUR**
Project Manager: **Michael Alves**

Address: _____ State: _____ Zip: _____
City: _____
Phone #: _____ Fax #: _____
Project #: _____ Project Owner: _____

Project Name: _____
Project Location: **Notkusk Federal Bakery, Eddy**

Sampler Name: _____
FOR LAB USE ONLY
P.O. #: _____
Company: **SPUR**
Attn: **Chad Hensley**
Address: _____
City: _____ State: _____ Zip: _____
Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	MATRIX	PRESERV.	SAMPLING	TRN	QTY	ANALYSIS REQUEST
1023780	SP106'	(G)	1			SOIL	ACID/BASE:	8-17	10:36	2	
	SP205'	(G)	1			SOIL	ICE / COOL	8-17	11:30	2	
	SP304'	(G)	1			SOIL	OTHER :	8-17	11:03	2	
	SP404'	(G)	1			SOIL		8-17	12:43	2	
	SP504'	(G)	1			SOIL		8-17	1:27	2	
	SP604'	(G)	1			SOIL		8-17	1:38	2	

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Relinquished By: **Kevin Ridgway** Date: **8/18/22** Received By: **Spur Ridgway**
Time: **0932** Date: _____ Received By: _____
Time: _____ Date: _____ Received By: _____

Delivered By: (Circle One) **1.0i** C.O. **1.0i** Sample Condition: Cool Intact
Sampler - UPS - Bus - Other: **1.0i** #113 Yes No
CHECKED BY: **SR**

REMARKS: **Michael Alves @ Alves Oil Field Solutions, org**

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 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

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.

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
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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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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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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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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	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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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	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
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