



February 10, 2021

Mewbourne Oil Company
 Robbie Runnels
 PO Box 5270
 Hobbs, New Mexico 88241

Re: Remediation Summary and Closure Report
Zircon 2 B1 EH State #2H
API No. 30-015-42028
GPS: Latitude 32.690401 Longitude -104.052957
UL "E", Sec. 2, T19S, R29E
Eddy County, New Mexico
NMOCD Ref. No. NRM2017555009

Tasman Geosciences (Tasman), on behalf of Mewbourne Oil Company (MOC), has prepared this Remediation Summary and Closure Report for the Release Site known as the Zircon 2 B1 EH State #2H. Details of the release are summarized below:

RELEASE DETAILS			
Type of Release: Poly Disposal Line Leak - Produced Water		Volume of Release: 220 bbls	
Source of Release: Tank Battery		Volume Recovered: 30 bbls	
Was Immediate Notice Given? Yes		Date of Release:	Date of Discovery: 6/21/20
Was a Watercourse Reached? No		If, YES, to Whom?	NMOCD District I/NMSLO
Surface Owner: State		If YES, Volume Impacting the Watercourse:	N/A
Describe Cause of Problem and Remedial Action Taken:		Mineral Owner: State	
<p>A poly disposal line developed a leak of produced water. Initial response included stopping the release, securing the impacted area, containing the released material and recovering free liquids (approximately 30 barrels [bbls]). Soon after the initial remedial action response, the impacted soil at the point of release was excavated and the pipeline was repaired. Based on the Initial field observations at that time, the volume of associated hydrocarbon liquids (approximately 220 bbls) was estimated to be above the New Mexico Oil Conservation Division (NMOCD) reporting thresholds for a major release of 25 bbls. Therefore, the release was reported to NMOCD via email on June 22, 2020.</p>			

Site Characteristics Map is provided as Figure 1. General Site Photographs are provided as Appendix C. A Copy of the Initial Form C-141 is provided as Appendix D.

REGULATORY FRAMEWORK

Surface impacts from unauthorized releases of crude oil, gases, produced water, condensate or other oil field waste which occur during normal oilfield operations 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 defines the closure criteria for soils impacted by a release based on the depth to groundwater and the following site characteristics:

Site Characteristics		
Approximate Depth to Groundwater		> 106 feet
Within 300 ft. of any continuously flowing or significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Within 200 ft. of any lakebed, sinkhole, or playa lake?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Within 500 ft. of a spring or private, domestic fresh water well?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Within 1,000 ft. of any fresh water well?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Within the incorporated municipal boundaries or within a municipal well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Within 300 ft. of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Within the area overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Within an unstable area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

A search of a groundwater database maintained by The New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average depth to groundwater within a one (1) mile radius of the Release Site and identify any registered water wells within a 1/2 mile of the Release Site. No wells were identified as part of the NMOSE database search and as such, a soil boring was advanced approximately 1/2 mile south of the site (Figure 1). The soil boring was advanced to a depth to approximately 106 feet below ground surface (bgs) and subsequently gauged for the presence of groundwater. No groundwater was present to the total depth of the boring at 106 feet bgs. A summary report of the soil boring and groundwater measurement activities is provided in Appendix A.

The NMOCD Closure Criteria for the site are as follows:

Table I for Soils Impacted by a Release			Closure Criteria
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*	Limit**
>100 feet	Chloride***	EPA 300.0	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	TPH (GRO+DRO)	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg
Notes: 1) Soil closure criteria based on NMOCD Guidelines Title 19 Chapter 15 Part 29. In accordance with these guidelines, horizontal and vertical delineation of impacted soils is required to Cl- concentrations less than 600 mg/kg. The NMOCD Closure Criteria for Cl- concentration in soils from ground surface to 4 feet bgs is 600 mg/kg (required for reclamation) and beneath 4 feet bgs is 20,000 mg/kg for this site. 2) TPH calculated by adding GRO, DRO and MRO (Ext Hydrocarbons) concentrations. * Or other test methods approved by the NMOCD. ** Numerical limits or natural background level, whichever is greater. *** This applies to releases of produced water or other fluids, which may contain chloride. GRO - Gasoline range organics DRO - Diesel range organics mg/kg - Milligrams per kilogram mg/l - Milligrams per liter TDS - Total dissolved solids TPH - Total volatile and extractable petroleum hydrocarbons			

SITE DELINEATION

Between July 15 and September 29, 2020, Diamond Back, on behalf of MOC, continued performing remedial activities with Tasman oversight, soil excavation confirmation sampling as well as horizontal and vertical delineation. Diamond Back and Tasman personnel were on site on multiple occasions to perform concurrent excavation of impacted soil and soil excavation bottom and sidewall 5-point composite samples for delineation of the produced water release. During excavation activities, no groundwater was encountered. Impacted soil were excavated and temporarily stockpiled for subsequent loading into haul trucks and hauled, under manifest, to a NMOCD approved disposal facility for disposal (approximately 4,620 cubic yards [cy] of impacted soils were removed).

On September 3, 2021, Diamond Back with oversight from Tasman, excavated five test pits (V-1 through V-5) in the release area (Figure 2) to vertically delineate CL- concentrations with depth to NMOCD investigation criteria of 600 mg/kg. Test pits extended to a depth of up to 22 feet bgs and soil samples were collected at two feet intervals starting at 6 feet bgs. Soil samples collected at regular vertical intervals were field screened for CL- using a Silver Nitrate Kit. In addition, select grab soil samples were submitted for laboratory analysis of BTEX, TPH and CL-. The laboratory analytical results for BTEX and TPH were below applicable NMOCD closure criteria. Field screening and/or laboratory results for CL- from test pits V-1, V-2 and V-3 remained above the NMOCD investigation criteria of 600 mg/kg to the total depth of the test pits, which was the vertical extent the excavator could reach. Field screening and/or laboratory results for CL- from test pits V-4 and V-5 were below the NMOCD investigation criteria of 600 mg/kg at the soil sample collected from 16 feet bgs and as a result the test pitting was terminated for these locations. Due to the limitation of the excavator reach, it was determined that soil borings would be required to achieve vertical delineation of impacts at the Release Site. Field screening and laboratory analytical results from the vertical delineation efforts are presented in Table 3.

On January 19, 2021, and February 8, 2021, with Tasman oversight, three soil borings (Soil Bore 1, Soil Bore 2 and Soil Bore 3) were advanced using a sonic drilling rig in the release area (Figure 2) to vertically delineate CL- concentrations with depth to NMOCD investigation criteria of 600 mg/kg. Soil samples were collected at five feet vertical intervals starting at 25 feet bgs and field screened for CL- using a Silver Nitrate Kit. In addition, select grab soil samples were submitted to laboratory analysis of BTEX, TPH and CL- concentrations via methods EPA SW-846 8021B, 8015 M Ext. and SM4500 CL-B, respectively. The laboratory analytical results for BTEX and TPH were below applicable NMOCD closure criteria. Soil borings were advanced to a depth at which field screening and laboratory results for CL- concentrations were below the NMOCD investigation criteria of 600 mg/kg and then terminated. Soil Bore 1, 2 and 3 were advanced to total depths of 30, 90, and 40 feet bgs respectively. of the test pits (also the vertical extent the excavator could reach). Field screening and laboratory analytical results from the soil boring vertical delineation efforts are presented in Table 3.

The locations of the test pits and soil borings are presented on Figure 2. The test pit and soil boring logs presenting a description of the subsurface geology, field observations, field screening results and soil sample intervals are provided in Appendix E. Laboratory analytical reports are provided in Appendix B. A summary of the laboratory analytical results from the soil samples collected from the test pits and soil borings is presented in Table 1 below.

Table 1: Field Screening and Soil Analytical Results - Vertical Delineation Samples

Concentrations of Benzene, BTEX, TPH and Cl- in Soil													
Sample ID	Date	Depth	Soil Status	Field Chloride	SW 846 8021B		SW 846 8015M Ext.						4500 C-B
					Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₂₈ (mg/kg)	C ₁₀	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
V-1	9/3/2020	6'	In situ	8311	NA	NA	NA	NA	NA	NA	NA	NA	
V-1	9/3/2020	8'	In situ	6452	NA	NA	NA	NA	NA	NA	NA	NA	
V-1	9/3/2020	10'	In situ	2893	NA	NA	NA	NA	NA	NA	NA	NA	
V-1	9/3/2020	12'	In situ	3375	NA	NA	NA	NA	NA	NA	NA	NA	
V-1	9/3/2020	14'	In situ	3482	NA	NA	NA	NA	NA	NA	NA	NA	
V-1	9/3/2020	16'	In situ	3316	NA	NA	NA	NA	NA	NA	NA	NA	
V-1	9/3/2020	18'	In situ	3961	NA	NA	NA	NA	NA	NA	NA	NA	
V-1	9/3/2020	20'	In situ	3939	NA	NA	NA	NA	NA	NA	NA	NA	
V-1	9/3/2020	22'	In situ	6979	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 1	1/19/2021	25'	In situ	528	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400.0	
Soil Bore 1	1/19/2021	30'	In situ	507	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464.0	
V-2	9/3/2020	6'	In situ	2295	NA	NA	NA	NA	NA	NA	NA	NA	
V-2	9/3/2020	8'	In situ	3824	NA	NA	NA	NA	NA	NA	NA	NA	
V-2	9/3/2020	10'	In situ	4009	NA	NA	NA	NA	NA	NA	NA	NA	
V-2	9/3/2020	12'	In situ	5696	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,530	
V-2	9/3/2020	14'	In situ	5154	NA	NA	NA	NA	NA	NA	NA	NA	
V-2	9/3/2020	16'	In situ	3624	NA	NA	NA	NA	NA	NA	NA	NA	
V-2	9/3/2020	18'	In situ	3124	NA	NA	NA	NA	NA	NA	NA	NA	
V-2	9/3/2020	20'	In situ	645	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,220	
Soil Bore 2	2/8/2021	25'	In situ	3448	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	30'	In situ	4658	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	35'	In situ	4897	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,280	
Soil Bore 2	2/8/2021	40'	In situ	4373	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	45'	In situ	1217	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	50'	In situ	834	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	55'	In situ	745	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	60'	In situ	594	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	65'	In situ	612	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	70'	In situ	586	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	75'	In situ	618	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	80'	In situ	765	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	85'	In situ	668	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 2	2/8/2021	90'	In situ	381	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400	
V-3	9/3/2020	6'	In situ	8117	NA	NA	NA	NA	NA	NA	NA	NA	
V-3	9/3/2020	8'	In situ	9874	NA	NA	NA	NA	NA	NA	NA	NA	
V-3	9/3/2020	10'	In situ	6280	NA	NA	NA	NA	NA	NA	NA	NA	
V-3	9/3/2020	12'	In situ	4617	NA	NA	NA	NA	NA	NA	NA	NA	
V-3	9/3/2020	14'	In situ	4179	NA	NA	NA	NA	NA	NA	NA	NA	
V-3	9/3/2020	16'	In situ	5981	NA	NA	NA	NA	NA	NA	NA	NA	
V-3	9/3/2020	18'	In situ	4166	NA	NA	NA	NA	NA	NA	NA	NA	
V-3	9/3/2020	20'	In situ	5609	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 3	2/8/2021	25'	In situ	8150	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7800	
Soil Bore 3	2/8/2021	30'	In situ	617	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 3	2/8/2021	35'	In situ	624	NA	NA	NA	NA	NA	NA	NA	NA	
Soil Bore 3	2/8/2021	40'	In situ	421	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320	
V-4	9/3/2020	6'	In situ	9754	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13800	
V-4	9/3/2020	8'	In situ	8908	NA	NA	NA	NA	NA	NA	NA	NA	
V-4	9/3/2020	10'	In situ	7336	NA	NA	NA	NA	NA	NA	NA	NA	
V-4	9/3/2020	12'	In situ	7798	NA	NA	NA	NA	NA	NA	NA	NA	
V-4	9/3/2020	14'	In situ	6852	NA	NA	NA	NA	NA	NA	NA	NA	
V-4	9/3/2020	16'	In situ	535	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352	
V-5	9/3/2020	6'	In situ	5038	NA	NA	NA	NA	NA	NA	NA	NA	
V-5	9/3/2020	8'	In situ	5208	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9730	
V-5	9/3/2020	10'	In situ	4820	NA	NA	NA	NA	NA	NA	NA	NA	
V-5	9/3/2020	12'	In situ	1321	NA	NA	NA	NA	NA	NA	NA	NA	
V-5	9/3/2020	14'	In situ	1461	NA	NA	NA	NA	NA	NA	NA	NA	
V-5	9/3/2020	16'	In situ	352	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352	
NMOCD Closure Criteria					10	50	-	-	1,000	-	2,500	600 (1)	

Notes:
1) Soil closure criteria based on NMOCD Guidelines Title 19 Chapter 15 Part 29. In accordance with these guidelines, horizontal and vertical delineation of impacted soils is required to Cl concentrations less than 600 mg/kg. The NMOCD Closure Criteria for Cl- concentration in soils beneath 4 feet bgs is 20,000 mg/kg for this site.
2) TPH calculated by adding GRO, DRO and GRO EXT concentrations.
Bold - Indicates constituent concentration above respective NMOCD - NMAC Closure Criteria.
GRO - Gasoline range organics
mg/kg - Milligrams per kilogram
NA - Not available
DRO - Diesel range organics
bgs - Below ground surface
TPH - Total volatile and extractable petroleum hydrocarbons

SUMMARY OF FIELD ACTIVITIES

As described previously, between July 15 and September 29, 2020, Diamond Back with Tasman oversight returned to the site on multiple occasions to perform remedial activities, soil excavation confirmation sampling as well as horizontal and vertical delineation. During this period Diamond Back and Tasman performed concurrent excavation of impacted soil and soil excavation bottom and sidewall 5-point composite sampling for delineation of the produced water release. Impacted soil were excavated and temporarily stockpiled for subsequent loading into haul trucks and hauled, under manifest, to a NMOCD approved disposal facility for disposal.

Soil assessment and confirmation sampling activities included collecting 5-point composite-type bottom and sidewall samples (representative of a surface area of up to 200 sf) from the excavation and submitting the samples for laboratory analysis of BTEX, TPH and Cl- via methods EPA SW-846 8021B, 8015 M Ext. and SM4500 CL-B, respectively. The laboratory analytical results for some of the bottom and sidewall 5-point composite soil samples exhibited concentrations of Cl- and/or TPH in soils above applicable NMOCD closure criteria which required over excavation and resampling.

Excavation sidewall soil sample analytical results were used to guide the excavation and determine the final horizontal extent of the impacted soil excavation. At locations where sidewall soil sample results exceeded 600 mg/kg (NMOCD reclamation criteria for soils to a depth of 4 feet bgs), the impacted soil at this sample location was over excavated and resampled. In general, sidewall samples were below 600 mg/kg for the majority of soils sampled except at "Wall 008", "Wall 019" and "Wall 023" which were subsequently over excavated, resampled ("Wall - 008 (STEPPED OUT)", "Wall 026" and "Wall 027", respectively) and confirmed clean. Excavation soil sidewall samples "Wall 024" and "Wall 025" also exhibited elevated Cl- concentrations above applicable NMOCD closure criteria of 600 mg/kg. Impacted soils represented by these sidewall samples were located adjacent to the Tank Battery containment berm and could not be over excavated because the containment berm would have required removal. As such, the impacted soil represented by these wall samples will be remediated as part of final reclamation efforts when the Tank Battery is removed from service. The final excavation area defined by clean soil confirmation sidewall samples was 15,200 sf as illustrated on Figure 3B. Excavation sidewall soil confirmation sample results are summarized in Table 2 below.

Based on the excavation bottom soil confirmation sample analytical results, impacted soil was excavated to a depth of 4.5 feet bgs except at soil sample "Base 058" which was over excavated to a depth of 5 feet bgs because the soil sample exhibited an elevated Cl- concentration above applicable NMOCD closure criteria of 20,000 mg/kg. This area was resampled ("Bottom 058 @5'), submitted for laboratory analysis and verified clean. Excavation bottom soil confirmation sample "Base 075" exhibited an elevated TPH concentration above applicable NMOCD closure criteria of 2,500 mg/kg. Impacted soils represented by this bottom sample were located adjacent to the Tank Battery containment berm and could not be overexcavated because the containment berm would have required removal. As such, the impacted soil represented by this bottom sample will be remediated as part of final reclamation efforts when the Tank Battery is removed from service. Excavation bottom soil confirmation sample results are summarized in Table 3 below.

The locations of the excavation sidewall and bottom soil samples are presented on Figures 3A and 3B. Laboratory analytical reports are provided in Appendix B. A summary of the laboratory analytical results from the excavation sidewall and bottom soil confirmation samples are presented in Tables 2 and 3, respectively.

Concentrations of Benzene, BTEX, TPH and/or CL- in Soil

Notes:

1) Soil closure criteria based on NMOCD Guidelines Title 19 Chapter 15 Part 29. In accordance with these guidelines, reclamation requires that soils from ground surface to 4 feet bgs be non-waste containing, uncontaminated, earthen material with Cl- concentrations less than 600 mg/kg. The NMOCD Closure Criteria for Cl- concentration in soils beneath 4 feet bgs is 20,000 mg/kg for this site.

2) TPH calculated by adding GRO, DRO and GRO EXT concentrations.

3) Step out excavation sidewall soil sample for soil sample collected on 8/7/20 that exceeded the NMOCD Closure Criteria for CL- concentration.

4) Impacted soils represented by excavation sidewall samples "Wall 024" and Wall 025" will be removed as part of the final reclamation efforts. These soils could not be addressed as part of the remedial activities because the Tank Battery containment berm would have been damaged.

Bold - Indicates constituent concentration above respective NMOCD - NMAC Closure Criteria.

GRO - Gasoline range organics
mg/kg - Milligrams per kilogram
NA - Not available

DRO - Diesel range organics
bgs - Below ground surface
TPH - Total volatile and extractable petroleum hydrocarbons

Table 3: Soil Laboratory Analytical Results - Excavation Bottom Samples

Concentrations of Benzene, BTEX, and/or TPH in Soil											
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 C-B
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₂₈ (mg/kg)	C ₁₀ GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	
Base 001	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,760
Base 002	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11,700
Base 003	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6130
Base 004	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2840
Base 005	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3760
Base 006	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9060
Base 007	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8800
Base 008	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1500
Base 009	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8600
Base 010	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9730
Base 011	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6930
Base 012	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10300
Base 013	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11700
Base 014	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12800
Base 015	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11300
Base 016	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13300
Base 017	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11700
Base 018	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12100
Base 019	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	14100
Base 020	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12700
Base 021	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6800
Base 022	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13500
Base 023	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12200
Base 024	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9060
Base 025	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13900
Base 026	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3160
Base 027	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2840
Base 028	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6640
Base 029	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
Base 030	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
Base 031	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4720
Base 032	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4000
Base 033	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5280
Base 034	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6660
Base 035	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1840
Base 036	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	992
Base 037	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
Base 038	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
Base 039	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
Base 040	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2160
Base 041	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
Base 042	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208.0
Base 043	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
Base 044	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672
Base 045	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2960
Base 046	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2680
Base 047	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8800
Base 048	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	15600
Base 049	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8000
Base 050	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10100
Base 051	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7840
Base 052	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	165	165	50	215	688
Base 053	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	97.7	97.7	35.1	132.8	6640
Base 054	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9200
Base 055	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
Base 056	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1700
Base 057	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	15200
Base 058	7/20/2020	4.5'	Excavated	<0.051	<0.301	<10.0	<10.0	<10.0	<10.0	<10.0	24200
Bottom 058 @ 5'	8/7/2020	5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5200
Base 059	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	976
Base 060	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
Base 061	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
Base 062	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
Base 063	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11600
Base 064	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12800
Base 065	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	10000
Base 066	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9330
Base 067	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3160
Base 068	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2840
Base 069	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	440	440	115	555	4560
Base 070	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	551	551	151	702	8480
Base 071	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	525	525	136	661	12000

Table 2: Soil Laboratory Analytical Results - Excavation Bottom Samples (Continued)

Concentrations of Benzene, BTEX, and/or TPH in Soil												
Sample ID	Date	Depth	Soil Status	SW 846 8021B		SW 846 8015M Ext.						4500 C-B
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₂₈ (mg/kg)	C ₁₀ GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)	
Base 072	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	150	150	45	195	752	
Base 073	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	18.4	18.4	<10.0	18.4	6320	
Base 074	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	12.9	12.9	<10.0	12.9	3640	
Base 075, (3)	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	2620	2620	568	3188	3680	
Base 076	7/20/2020	4.5'	In-Situ	<0.050	<0.300	<10.0	119	119	61.4	180.4	5040	
NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	20000 (1)	

Notes:

1) Soil closure criteria based on NMOCD Guidelines Title 19 Chapter 15 Part 29. In accordance with these guidelines, reclamation requires that soils from ground surface to 4 feet bgs be non-waste containing, uncontaminated, earthen material with Cl- concentrations less than 600 mg/kg. The NMOCD Closure Criteria for Cl- concentration in soils beneath 4 feet bgs is 20,000 mg/kg for this site.

2) TPH calculated by adding GRO, DRO and GRO EXT concentrations.

3) Impacted soils represented by excavation bottom sample "Base 075" will be removed as part of the final reclamation efforts. These soils could not be addressed as part of the remedial activities because the Tank Battery containment berm would have been damaged.

Bold - Indicates constituent concentration above respective NMOCD - NMAC Closure Criteria.

GRO - Gasoline range organics

DRO - Diesel range organics

mg/kg - Milligrams per kilogram

bgs - Below ground surface

NA - Not available

TPH - Total volatile and extractable petroleum hydrocarbons

SITE CLOSURE REQUEST

Based on laboratory analytical results from confirmation soil samples, impacted soil within the release margins has been determined to be remediated below the Table I of 19.15.29.12 NMAC Closure Criteria for soils Impacted by a Release. Tasman on behalf of MOC, respectfully requests the NMOCD grant closure approval for the Zircon 2 B1 EH State #2H. The site closure request form (Form C-141) is provided in Appendix F.

RESTORATION, RECLAMATION AND RE-VEGETATION

Areas affected by the Release and associated remediation activities were substantially restored to the condition which existed prior to the Release to the maximum extent practicable. Excavated area was backfilled with locally sourced, non-impacted "like" material top soil (3,984 cubic yards of top soil). The affected area was contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable.

A "SLO preferred" mix of seed will be utilized for the revegetation of the Site. The mixture will be broadcast at a rate two (2) times the suggested rate to compensate for broadcasting of the seed and the seeding activities will take place during the next favorable growing season. Following the broadcasting of the seed, mechanical means, such as a screen or disc harrow pulled behind a tractor, will be used to "set" the seed.

Impacted soils represented by this sdiewall samples ("Wall 024" and "Wall 025") and bottom sample ("Base 075") were located adjacent to the Tank Battery containment berm and could not be over excavated during the remedial activities because the containment berm would have required removal. As such, the impacted soil represented by these samples will be remediated as part of final reclamation efforts when the Tank Battery is removed from service.

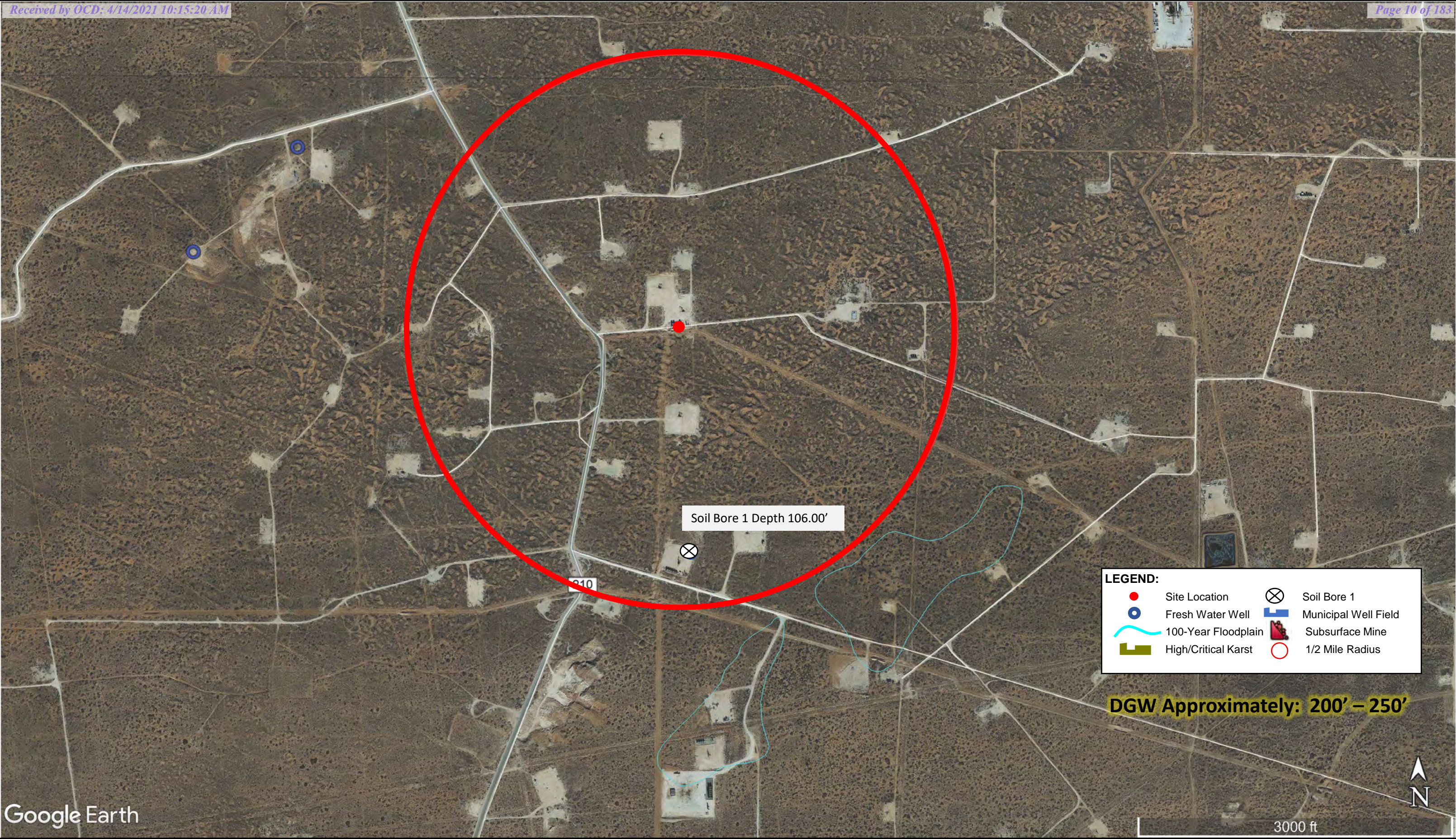
If you have any questions, or if additional information is required, please feel free to contact Robbie Runnels or the undersigned by phone or email.

Respectfully,

Kyle Norman
Regional Project Manager
knorman@tasman-geo.com
(575) 318-5017

Attachments:	Figure 1:	Site Characteristics Map
	Figure 2:	Soil Bore Location Map
	Figure 3A:	Soil Confirmation Sample Location Map (Excavation Bottom)
	Figure 3B:	Soil Confirmation Sample Location Map (Excavation Sidewalls)
	Appendix A:	Depth to Groundwater Information
	Appendix B:	Laboratory Analytical Reports
	Appendix C:	Photo Documentation
	Appendix D:	Release Notification and Corrective Action (FORM C-141)
	Appendix E:	Soil Boring Logs
	Appendix F:	Closure Form (FORM C-141)

Figures




LEGEND:

	Site Location		Soil Bore 1
	Fresh Water Well		Municipal Well Field
	100-Year Floodplain		Subsurface Mine
	High/Critical Karst		1/2 Mile Radius

DGW Approximately: 200' – 250'

Google Earth

DATE: July 2020	 <div>TASMAN GEOSCIENCES</div> <div><i>Tasman Geosciences, Inc.</i> 2620 W. Marland Blvd. Hobbs, NM 88240</div>	Newbourne Oil Company Zircon 2 B1 EH State #2H GPS: 32.690401, -104.052957 UL "E", Section 2, Township 19 South, Range 29 East Eddy County, New Mexico	Site Characteristics Map	Figure 1
DESIGNED BY : KN				
DRAWN BY: KN <i>Released to Imaging: 8/10/2021 2:28:54 PM</i>				



DATE: February 2021

DESIGNED BY : KN

DRAWN BY: KN
Released to Imaging: 8/10/2021 2:28:54 PM

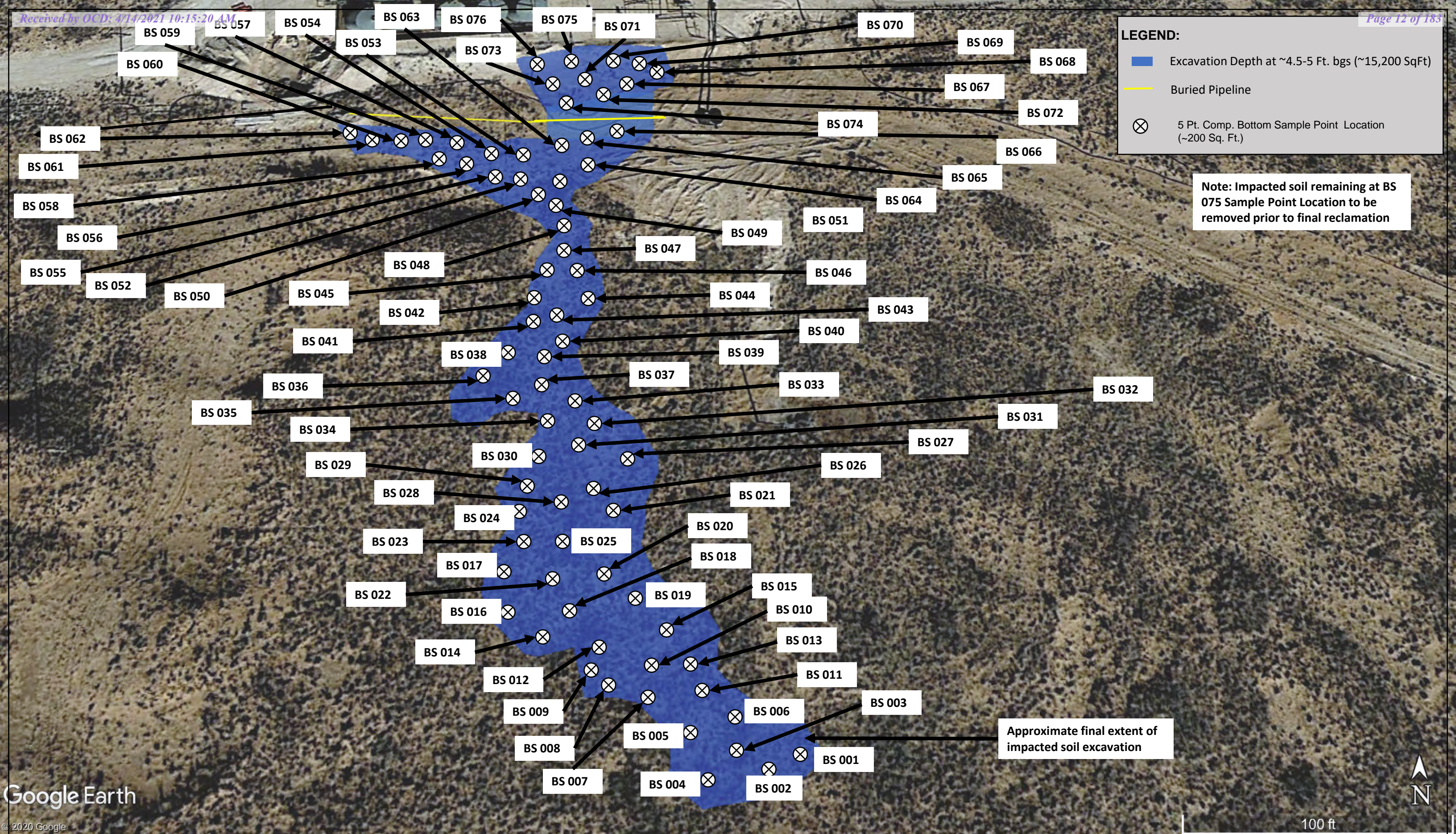



Tasman Geosciences, Inc.
2620 W. Marland Blvd.
Hobbs, NM 88240

Mewbourne Oil Company
Zircon 2 B1 EH State #2H
GPS: 32.690401, -104.052957
UL "E", Section 2, Township 19 South, Range 29 East
Eddy County, New Mexico


Vertical/Soil Bore
Location Map

Figure
2



DATE: March 2021	 TASMAN GEOSCIENCES <i>Tasman Geosciences, Inc. 2620 W. Marland Blvd. Hobbs, NM 88240</i>	Mewbourne Oil Company Zircon 2 B1 EH State #2H GPS: 32.690401, -104.052957 UL "E", Section 2, Township 19 South, Range 29 East Eddy County, New Mexico	Soil Confirmation Sample Location Map (Excavation Bottom)	Figure 3A
DESIGNED BY : KN				
DRAWN BY: KN <i>Released to Imaging: 8/10/2021 2:28:54 PM</i>				



DATE: March 2021	 TASMAN GEOSCIENCES <i>Tasman Geosciences, Inc. 2620 W. Marland Blvd. Hobbs, NM 88240</i>	Mewbourne Oil Company Zircon 2 B1 EH State #2H GPS: 32.690401, -104.052957 UL "E", Section 2, Township 19 South, Range 29 East Eddy County, New Mexico	Soil Confirmation Sample Location Map (Excavation Sidewalls)	Figure 3B
DESIGNED BY : KN				
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Appendices

Appendix A

Depth to Groundwater Results



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	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00626 POD2	CP	ED		3	2	1	03	19S	29E	587660	3617880	1232	240	195	45
CP 00626 POD1	CP	ED		2	3	1	03	19S	29E	587360	3617575	1434	286	247	39

Average Depth to Water: **221 feet**

Minimum Depth: **195 feet**

Maximum Depth: **247 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 588778

Northing (Y): 3617361

Radius: 1700

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.

7/16/20 12:28 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



2620 W. Marland Blvd.
Hobbs, New Mexico 88240
Kyle Norman ~ knorman@tasman-geo.com

October 15, 2020

Mr. Robbie Runnels
Mewbourne Oil Company
P.O. Box 5270
Hobbs, New Mexico 88241

Re: Zircon 2 State Com #1H

Mr. Robbie Runnels,

On Monday October 5, 2020, soil boring SB-1 at the Zircon 2 State Com #1H, located in Eddy County T19S, R29E, Sec 2 Unit Letter M, was checked with a Solinst Interface Meter for water accumulation within the borehole. 72 hours post drilling of SB-1 the interface meter detected no water within the borehole at a total depth of 106.00 feet below ground surface (bgs).

Sincerely,
Tasman Geosciences

A handwritten signature in black ink that reads 'Kyle Norman' in a cursive script.

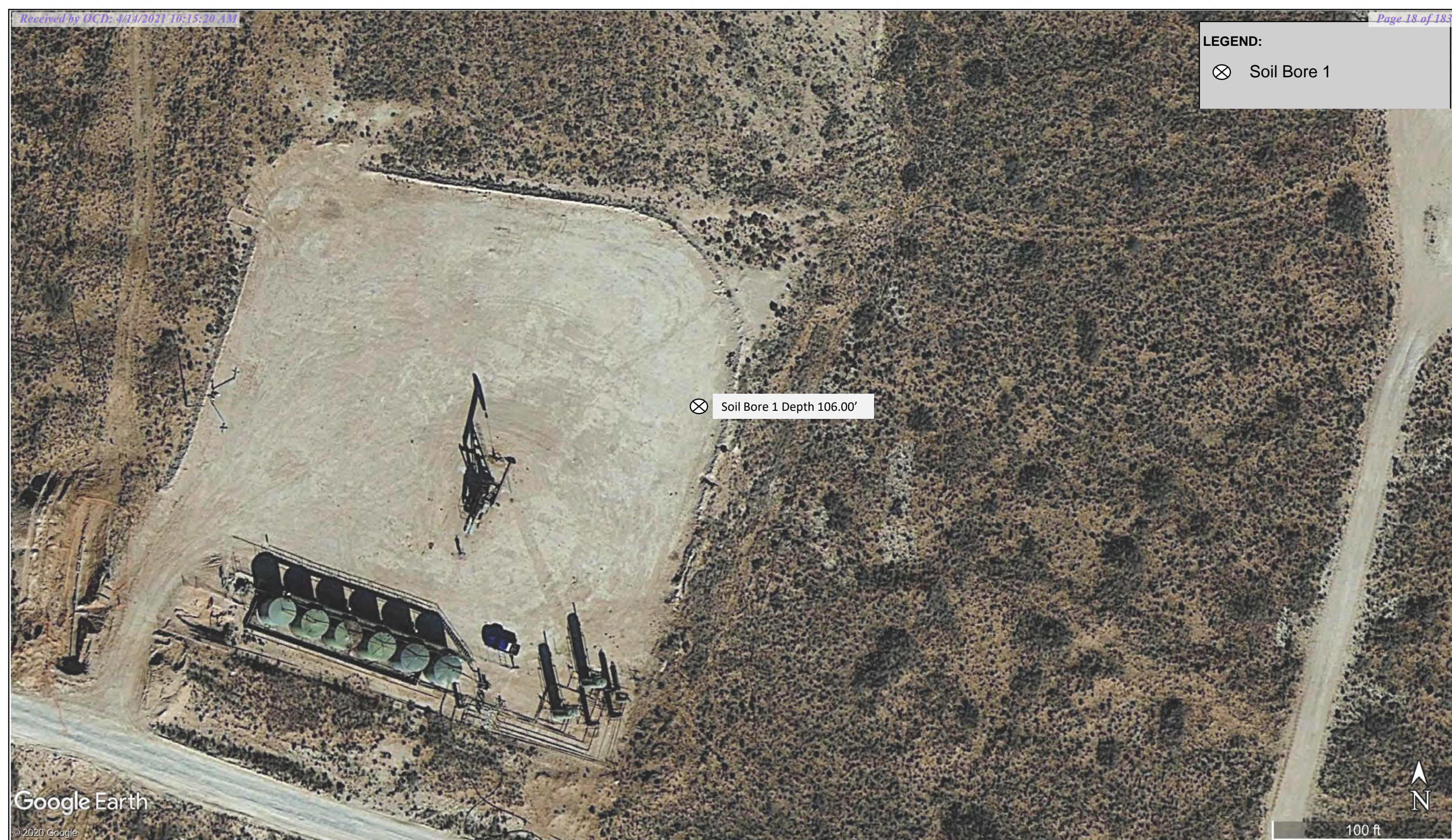
Kyle Norman
Project Manager

Attachments:


Figure 1 – Soil Bore Location Map
Appendix A – Photo Documentation

LEGEND:

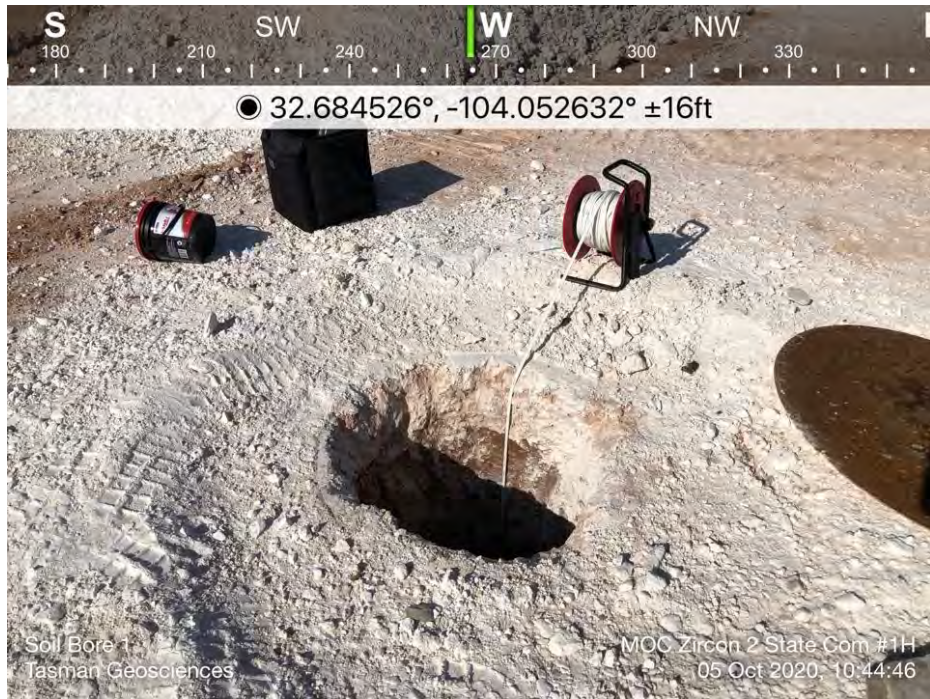
⊗ Soil Bore 1



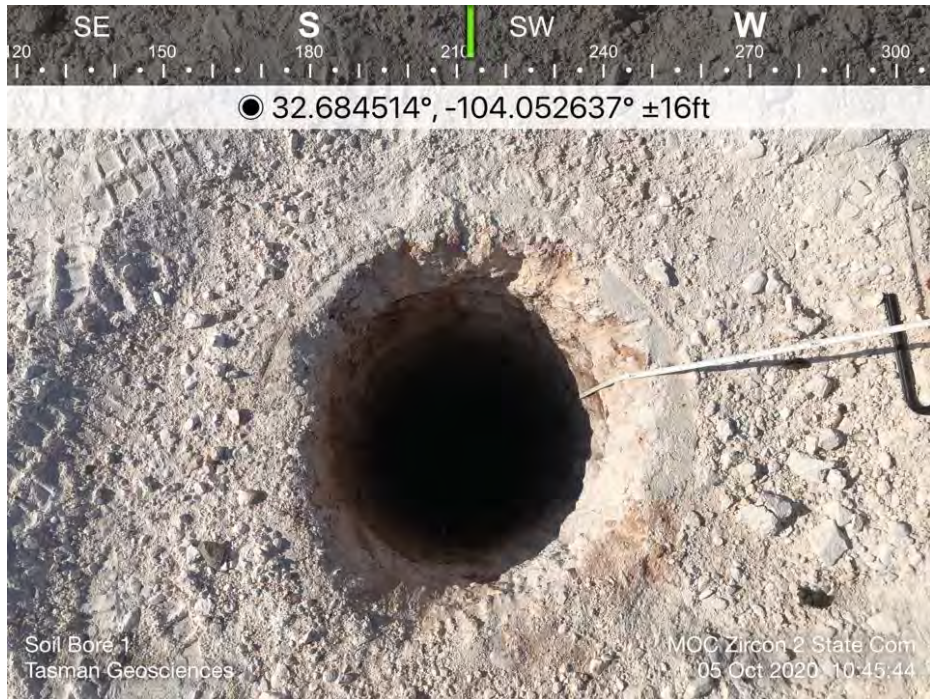
Google Earth
© 2020 Google

DATE: October 2020	 <div>TASMAN GEOSCIENCES</div> <div><i>Tasman Geosciences, Inc.</i> 2620 W. Marland Blvd. Hobbs, NM 88240</div>	Mewbourne Oil Company Zircon 2State Com #1H GPS: 32.684514, -104.052637 UL "M", Section 2, Township 19 South, Range 29 East Eddy County, New Mexico	Soil Bore Location Map	Figure 1
DESIGNED BY : KN				
DRAWN BY: KN <i>Released to Imaging: 8/10/2021 2:28:54 PM</i>				

Mewbourne Oil Company
Zircon 2 State Com #1H
10/5/2020



Mewbourne Oil Company
Zircon 2 State Com #1H
10/5/2020



Appendix B

Laboratory Analytical Reports



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

July 31, 2020

KYLE NORMAN

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MOC - ZIRCON 2 B1 EH STATE #2H

Enclosed are the results of analyses for samples received by the laboratory on 07/28/20 13:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 001 @ 4.5' (H001953-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.93	96.3	2.00	2.91	
Toluene*	<0.050	0.050	07/29/2020	ND	1.95	97.4	2.00	3.15	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.96	98.0	2.00	2.97	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.65	94.1	6.00	2.88	
Total BTEX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	07/29/2020	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	07/28/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-144

Surrogate: 1-Chlorooctadecane 127 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 002 @ 4.5' (H001953-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.93	96.3	2.00	2.91		
Toluene*	<0.050	0.050	07/29/2020	ND	1.95	97.4	2.00	3.15		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.96	98.0	2.00	2.97		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.65	94.1	6.00	2.88		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11700	16.0	07/29/2020	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	07/28/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 118 % 44.3-144

Surrogate: 1-Chlorooctadecane 130 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 003 @ 4.5' (H001953-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.93	96.3	2.00	2.91		
Toluene*	<0.050	0.050	07/29/2020	ND	1.95	97.4	2.00	3.15		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.96	98.0	2.00	2.97		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.65	94.1	6.00	2.88		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6130	16.0	07/29/2020	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	07/28/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 112 % 44.3-144

Surrogate: 1-Chlorooctadecane 119 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 004 @ 4.5' (H001953-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.93	96.3	2.00	2.91		
Toluene*	<0.050	0.050	07/29/2020	ND	1.95	97.4	2.00	3.15		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.96	98.0	2.00	2.97		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.65	94.1	6.00	2.88		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

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	07/29/2020	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	07/28/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 115 % 44.3-144

Surrogate: 1-Chlorooctadecane 125 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 005 @ 4.5' (H001953-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.93	96.3	2.00	2.91		
Toluene*	<0.050	0.050	07/29/2020	ND	1.95	97.4	2.00	3.15		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.96	98.0	2.00	2.97		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.65	94.1	6.00	2.88		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	07/29/2020	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	07/28/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 115 % 44.3-144

Surrogate: 1-Chlorooctadecane 122 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 006 @ 4.5' (H001953-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.93	96.3	2.00	2.91		
Toluene*	<0.050	0.050	07/29/2020	ND	1.95	97.4	2.00	3.15		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.96	98.0	2.00	2.97		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.65	94.1	6.00	2.88		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9060	16.0	07/29/2020	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	07/28/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 116 % 44.3-144

Surrogate: 1-Chlorooctadecane 127 % 42.2-156

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Analytical Results For:

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 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 007 @ 4.5' (H001953-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.93	96.3	2.00	2.91		
Toluene*	<0.050	0.050	07/29/2020	ND	1.95	97.4	2.00	3.15		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.96	98.0	2.00	2.97		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.65	94.1	6.00	2.88		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8800	16.0	07/29/2020	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	07/28/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 111 % 44.3-144

Surrogate: 1-Chlorooctadecane 119 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 008 @ 4.5' (H001953-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.93	96.3	2.00	2.91		
Toluene*	<0.050	0.050	07/29/2020	ND	1.95	97.4	2.00	3.15		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.96	98.0	2.00	2.97		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.65	94.1	6.00	2.88		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	07/29/2020	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	07/28/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/28/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/28/2020	ND					

Surrogate: 1-Chlorooctane 110 % 44.3-144

Surrogate: 1-Chlorooctadecane 116 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 009 @ 4.5' (H001953-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8600	16.0	07/29/2020	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	07/29/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-144

Surrogate: 1-Chlorooctadecane 117 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 010 @ 4.5' (H001953-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9730	16.0	07/29/2020	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	07/29/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 116 % 44.3-144

Surrogate: 1-Chlorooctadecane 122 % 42.2-156

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 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 011 @ 4.5' (H001953-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6930	16.0	07/29/2020	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	07/29/2020	ND	200	99.9	200	5.97	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	213	107	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-144

Surrogate: 1-Chlorooctadecane 126 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 012 @ 4.5' (H001953-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10300	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.8 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 013 @ 4.5' (H001953-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11700	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.9 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 014 @ 4.5' (H001953-14)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12800	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 95.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 015 @ 4.5' (H001953-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11300	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
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 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 016 @ 4.5' (H001953-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13300	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 017 @ 4.5' (H001953-17)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11700	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 96.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
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 P. O. BOX 2491
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 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 018 @ 4.5' (H001953-18)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12100	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.2 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
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 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 019 @ 4.5' (H001953-19)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14100	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 020 @ 4.5' (H001953-20)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12700	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 99.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 021 @ 4.5' (H001953-21)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6800	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.8 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 022 @ 4.5' (H001953-22)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13500	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.6 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 023 @ 4.5' (H001953-23)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12200	16.0	07/29/2020	ND	416	104	400	3.92	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.2 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 024 @ 4.5' (H001953-24)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9060	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 93.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.9 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 025 @ 4.5' (H001953-25)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13900	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.2 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 026 @ 4.5' (H001953-26)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 91.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.4 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 027 @ 4.5' (H001953-27)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 73.3-129

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	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 97.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.8 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 028 @ 4.5' (H001953-28)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.88	94.1	2.00	3.78		
Toluene*	<0.050	0.050	07/29/2020	ND	1.88	94.0	2.00	3.97		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.89	94.4	2.00	4.31		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.47	91.1	6.00	4.37		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6640	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 97.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 029 @ 4.5' (H001953-29)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 73.3-129

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	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.8 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 030 @ 4.5' (H001953-30)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTEx	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 031 @ 4.5' (H001953-31)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTEx	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720	16.0	07/29/2020	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	07/29/2020	ND	207	103	200	6.96	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	226	113	200	8.00	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 99.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 032 @ 4.5' (H001953-32)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	07/29/2020	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	07/29/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 91.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.1 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 033 @ 4.5' (H001953-33)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5280	16.0	07/29/2020	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	07/29/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 97.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 100 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 034 @ 4.5' (H001953-34)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6660	16.0	07/29/2020	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	07/29/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.3 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 035 @ 4.5' (H001953-35)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTEx	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	07/29/2020	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	07/29/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 93.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.2 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 036 @ 4.5' (H001953-36)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTEx	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	07/29/2020	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	07/29/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 98.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 037 @ 4.5' (H001953-37)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	07/29/2020	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	07/29/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 038 @ 4.5' (H001953-38)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTEx	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	07/29/2020	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	07/29/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 039 @ 4.5' (H001953-39)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTEx	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	07/29/2020	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	07/29/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 94.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.1 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 040 @ 4.5' (H001953-40)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTEx	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 97.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.0 % 42.2-156

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Analytical Results For:

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 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 041 @ 4.5' (H001953-41)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191		
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 042 @ 4.5' (H001953-42)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTEx	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.0 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 043 @ 4.5' (H001953-43)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191		
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 97.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 044 @ 4.5' (H001953-44)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

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	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 045 @ 4.5' (H001953-45)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTEx	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 95.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.7 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/20/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 046 @ 4.5' (H001953-46)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2680	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 90.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.5 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 047 @ 4.5' (H001953-47)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8800	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.4 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 048 @ 4.5' (H001953-48)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.96	97.8	2.00	0.191	
Toluene*	<0.050	0.050	07/29/2020	ND	1.96	98.2	2.00	0.275	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.98	99.1	2.00	0.121	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.74	95.7	6.00	0.141	
Total BTEx	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15600	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 89.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.0 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 049 @ 4.5' (H001953-49)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8000	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.0 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 050 @ 4.5' (H001953-50)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10100	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 051 @ 4.5' (H001953-51)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7840	16.0	07/29/2020	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	07/30/2020	ND	210	105	200	8.34	
DRO >C10-C28*	<10.0	10.0	07/30/2020	ND	233	117	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 97.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 052 @ 4.5' (H001953-52)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	07/29/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	165	10.0	07/29/2020	ND	203	101	200	6.04	QM-07
EXT DRO >C28-C36	50.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 053 @ 4.5' (H001953-53)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6640	16.0	07/29/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	97.7	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	35.1	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 88.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.0 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 054 @ 4.5' (H001953-54)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	07/29/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.5 % 42.2-156

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 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 055 @ 4.5' (H001953-55)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76	
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	07/29/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 91.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.0 % 42.2-156

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Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 056 @ 4.5' (H001953-56)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76	
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1700	16.0	07/29/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.4 % 42.2-156

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 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 057 @ 4.5' (H001953-57)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15200	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 91.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.5 % 42.2-156

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Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 058 @ 4.5' (H001953-58)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	24200	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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Analytical Results For:

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 P. O. BOX 2491
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 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 059 @ 4.5' (H001953-59)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 89.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.8 % 42.2-156

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Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 060 @ 4.5' (H001953-60)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 73.3-129

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	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.1 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 061 @ 4.5' (H001953-61)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 90.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.6 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 062 @ 4.5' (H001953-62)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 73.3-129

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	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.8 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 063 @ 4.5' (H001953-63)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11600	16.0	07/30/2020	ND	416	104	400	3.92	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 85.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.9 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 064 @ 4.5' (H001953-64)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76	
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310	
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15	
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552	
Total BTX	<0.300	0.300	07/29/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12800	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.0 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 065 @ 4.5' (H001953-65)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10000	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 91.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.3 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 066 @ 4.5' (H001953-66)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTX	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9330	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.2 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 067 @ 4.5' (H001953-67)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3160	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.7 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 068 @ 4.5' (H001953-68)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/29/2020	ND	1.80	90.1	2.00	2.76		
Toluene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	0.310		
Ethylbenzene*	<0.050	0.050	07/29/2020	ND	1.92	96.1	2.00	2.15		
Total Xylenes*	<0.150	0.150	07/29/2020	ND	5.84	97.3	6.00	0.552		
Total BTEx	<0.300	0.300	07/29/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 73.3-129

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	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	<10.0	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	<10.0	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.3 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 069 @ 4.5' (H001953-69)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2020	ND	1.79	89.6	2.00	3.98	
Toluene*	<0.050	0.050	07/30/2020	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	07/30/2020	ND	1.90	95.2	2.00	0.131	
Total Xylenes*	<0.150	0.150	07/30/2020	ND	5.78	96.4	6.00	1.57	
Total BTX	<0.300	0.300	07/30/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	440	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	115	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 070 @ 4.5' (H001953-70)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/30/2020	ND	1.79	89.6	2.00	3.98		
Toluene*	<0.050	0.050	07/30/2020	ND	1.90	95.0	2.00	2.00		
Ethylbenzene*	<0.050	0.050	07/30/2020	ND	1.90	95.2	2.00	0.131		
Total Xylenes*	<0.150	0.150	07/30/2020	ND	5.78	96.4	6.00	1.57		
Total BTEx	<0.300	0.300	07/30/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8480	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	551	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	151	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 071 @ 4.5' (H001953-71)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/30/2020	ND	1.79	89.6	2.00	3.98		
Toluene*	<0.050	0.050	07/30/2020	ND	1.90	95.0	2.00	2.00		
Ethylbenzene*	<0.050	0.050	07/30/2020	ND	1.90	95.2	2.00	0.131		
Total Xylenes*	<0.150	0.150	07/30/2020	ND	5.78	96.4	6.00	1.57		
Total BTEx	<0.300	0.300	07/30/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12000	16.0	07/30/2020	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	07/29/2020	ND	196	97.8	200	5.81	
DRO >C10-C28*	525	10.0	07/29/2020	ND	203	101	200	6.04	
EXT DRO >C28-C36	136	10.0	07/29/2020	ND					

Surrogate: 1-Chlorooctane 90.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 072 @ 4.5' (H001953-72)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/30/2020	ND	1.79	89.6	2.00	3.98		
Toluene*	<0.050	0.050	07/30/2020	ND	1.90	95.0	2.00	2.00		
Ethylbenzene*	<0.050	0.050	07/30/2020	ND	1.90	95.2	2.00	0.131		
Total Xylenes*	<0.150	0.150	07/30/2020	ND	5.78	96.4	6.00	1.57		
Total BTX	<0.300	0.300	07/30/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	07/30/2020	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	07/30/2020	ND	202	101	200	6.01	
DRO >C10-C28*	150	10.0	07/30/2020	ND	239	119	200	5.30	QR-03
EXT DRO >C28-C36	45.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 93.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 073 @ 4.5' (H001953-73)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/30/2020	ND	1.79	89.6	2.00	3.98		
Toluene*	<0.050	0.050	07/30/2020	ND	1.90	95.0	2.00	2.00		
Ethylbenzene*	<0.050	0.050	07/30/2020	ND	1.90	95.2	2.00	0.131		
Total Xylenes*	<0.150	0.150	07/30/2020	ND	5.78	96.4	6.00	1.57		
Total BTX	<0.300	0.300	07/30/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6320	16.0	07/30/2020	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	07/30/2020	ND	202	101	200	6.01	
DRO >C10-C28*	18.4	10.0	07/30/2020	ND	239	119	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.9 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 074 @ 4.5' (H001953-74)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2020	ND	1.79	89.6	2.00	3.98	
Toluene*	<0.050	0.050	07/30/2020	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	07/30/2020	ND	1.90	95.2	2.00	0.131	
Total Xylenes*	<0.150	0.150	07/30/2020	ND	5.78	96.4	6.00	1.57	
Total BTX	<0.300	0.300	07/30/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3640	16.0	07/30/2020	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	07/30/2020	ND	202	101	200	6.01	
DRO >C10-C28*	12.9	10.0	07/30/2020	ND	239	119	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.0 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 075 @ 4.5' (H001953-75)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/30/2020	ND	1.79	89.6	2.00	3.98	
Toluene*	<0.050	0.050	07/30/2020	ND	1.90	95.0	2.00	2.00	
Ethylbenzene*	<0.050	0.050	07/30/2020	ND	1.90	95.2	2.00	0.131	
Total Xylenes*	<0.150	0.150	07/30/2020	ND	5.78	96.4	6.00	1.57	
Total BTX	<0.300	0.300	07/30/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	07/30/2020	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	07/30/2020	ND	202	101	200	6.01		
DRO >C10-C28*	2620	10.0	07/30/2020	ND	239	119	200	5.30		
EXT DRO >C28-C36	568	10.0	07/30/2020	ND						

Surrogate: 1-Chlorooctane 86.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 164 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	07/28/2020	Sampling Date:	07/27/2020
Reported:	07/31/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BASE 076 @ 4.5' (H001953-76)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/30/2020	ND	1.79	89.6	2.00	3.98		
Toluene*	<0.050	0.050	07/30/2020	ND	1.90	95.0	2.00	2.00		
Ethylbenzene*	<0.050	0.050	07/30/2020	ND	1.90	95.2	2.00	0.131		
Total Xylenes*	<0.150	0.150	07/30/2020	ND	5.78	96.4	6.00	1.57		
Total BTEx	<0.300	0.300	07/30/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5040	16.0	07/30/2020	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	07/30/2020	ND	202	101	200	6.01	
DRO >C10-C28*	119	10.0	07/30/2020	ND	239	119	200	5.30	
EXT DRO >C28-C36	61.4	10.0	07/30/2020	ND					

Surrogate: 1-Chlorooctane 91.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.0 % 42.2-156

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services				BILL TO				ANALYSIS REQUEST										
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 8015 MEXT</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Texas TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Complete Cations/Anions</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TDS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Total RCRA 8 Metals</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">HOLD</div> </div>										
Address: 2525 NW County Rd,				Company: Diamondback														
City: Hobbs State: NM Zip: 88240				Attn: Justin Roberts														
Phone #: 575-392-9996 Fax #:				Address: 2525 NM County Rd														
Project #:				City: Hobbs														
Project Name: MOC - Zircon 2 B1 EH State #2H				State: NM Zip: 88240														
Project Location:				Phone #: 575-392-9996														
Sampler Name: Becky Griffin				Fax #:														
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(GRAB OR C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
H001953													7/20/20	08:00	✓	✓	✓	
1	Base 001 @ 4.5 ft	✓	1			✓				✓				08:05	✓	✓	✓	
2	Base 002 @ 4.5 ft	✓	1			✓				✓				08:10	✓	✓	✓	
3	Base 003 @ 4.5 ft	✓	1			✓				✓				08:15	✓	✓	✓	
4	Base 004 @ 4.5 ft	✓	1			✓				✓				08:20	✓	✓	✓	
5	Base 005 @ 4.5 ft	✓	1			✓				✓				08:25	✓	✓	✓	
6	Base 006 @ 4.5 ft	✓	1			✓				✓				08:30	✓	✓	✓	
7	Base 007 @ 4.5 ft	✓	1			✓				✓				08:35	✓	✓	✓	
8	Base 008 @ 4.5 ft	✓	1			✓				✓				08:40	✓	✓	✓	
9	Base 009 @ 4.5 ft	✓	1			✓				✓				08:45	✓	✓	✓	
10	Base 010 @ 4.5 ft	✓	1			✓				✓					✓	✓	✓	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 7-28-20	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: 1:50	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
Relinquished By:	Time:	Received By:	email results: knorman@tasman-geo.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:	Justin Roberts <diamondback2491@yahoo.com>	
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)		
-9.3c #113	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	TO.		
	<input type="checkbox"/> No <input type="checkbox"/> No			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

**CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services				BILL TO				ANALYSIS REQUEST											
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 8015 M EXT</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Texas TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Complete Cations/Anions</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TDS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Total RCRA 8 Metals</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">HOLD</div> </div>											
Address: 2525 NW County Rd.				Company: Diamondback															
City: Hobbs State: NM Zip: 88240				Attn: Justin Roberts															
Phone #: 575-392-9996 Fax #:				Address: 2525 NM County Rd															
Project #: Project Owner:				City: Hobbs															
Project Name: MOC - Zircon 2 B1 EH State #2H				State: NM Zip: 88240															
Project Location:				Phone #: 575-392-9996															
Sampler Name: Becky Griffin				Fax #:															

FOR LAB USE ONLY		G/RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME														
4001953																												
11	Base 011 @ 4.5 ft	1	1			✓				✓		7/20/20	09:00	✓	✓	✓												
12	Base 012 @ 4.5 ft	1	1			✓				✓			09:05	✓	✓	✓												
13	Base 013 @ 4.5 ft	1	1			✓				✓			09:10	✓	✓	✓												
14	Base 014 @ 4.5 ft	1	1			✓				✓			09:15	✓	✓	✓												
15	Base 015 @ 4.5 ft	1	1			✓				✓			09:20	✓	✓	✓												
16	Base 016 @ 4.5 ft	1	1			✓				✓			09:25	✓	✓	✓												
17	Base 017 @ 4.5 ft	1	1			✓				✓			09:30	✓	✓	✓												
18	Base 018 @ 4.5 ft	1	1			✓				✓			09:35	✓	✓	✓												
19	Base 019 @ 4.5 ft	1	1			✓				✓			09:40	✓	✓	✓												
20	Base 020 @ 4.5 ft	1	1			✓				✓			09:45	✓	✓	✓												

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Relinquished By:		Date: 7-28-20	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
		Time: 1:50		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS:	
		Time:		email results: knorman@tasman-geo.com Justin Roberts <diamondback2491@yahoo.com>	
Delivered By: (Circle One)			Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other: -9.3° #113			Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Initials) T.O.	

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ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: 		Date: 7-28-20		Received By: 		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:	
Relinquished By: 		Time: 1:50		Date:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One)		Time:		Received By:		REMARKS: email results: knorman@tasman-geo.com Justin Roberts <diamondback2491@yahoo.com>			
Sampler - UPS - Bus - Other: -9.3c #113		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: (Initials) JR					

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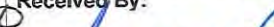


101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services						BILL TO								ANALYSIS REQUEST														
Project Manager: Kyle Norman						P.O. #:																						
Address: 2525 NW County Rd.						Company: Diamondback																						
City: Hobbs State: NM Zip: 88240						Attn: Justin Roberts																						
Phone #: 575-392-9996 Fax #:						Address: 2525 NM County Rd																						
Project #: Project Owner:						City: Hobbs																						
Project Name: MOC - Zircon 2 B1 EH State #2H						State: NM Zip: 88240																						
Project Location:						Phone #: 575-392-9996																						
Sampler Name: Becky Griffin						Fax #:																						
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GRAB OR C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		Chlorides	TPH 8015 MEXT	BTEX	Texas TPH	Complete Cations/Anions	TDS	Total RCRA 8 Metals					HOLD
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
H001953																												
31	Base 031 @ 4.5 ft															7/20/20	11:00											
32	Base 032 @ 4.5 ft																11:05											
33	Base 033 @ 4.5 ft																11:10											
34	Base 034 @ 4.5 ft																11:15											
35	Base 035 @ 4.5 ft																11:20											
36	Base 036 @ 4.5 ft																11:25											
37	Base 037 @ 4.5 ft																11:30											
38	Base 038 @ 4.5 ft																11:35											
39	Base 039 @ 4.5 ft																11:40											
40	Base 040 @ 4.5 ft																11:45											

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Relinquished By: 		Date: 7-28-20	Received By: 	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Time: 1350				Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:	REMARKS:	
Time:				email results: knorman@tasman-geo.com	
				Justin Roberts <diamondback2491@yahoo.com>	
Delivered By: (Circle One)		Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:		Cool Intact	(Initials)		
-9.3c #113		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Y.O.		

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services				BILL TO				ANALYSIS REQUEST															
Project Manager: Kyle Norman				P.O. #:				Chlorides	TPH 8015 M EXT	BTEX	Texas TPH	Complete Cations/Anions	TDS	Total RCRA 8 Metals						HOLD			
Address: 2525 NW County Rd,				Company: Diamondback																			
City: Hobbs State: NM Zip: 88240				Attn: Justin Roberts																			
Phone #: 575-392-9996 Fax #:				Address: 2525 NM County Rd																			
Project #: Project Owner:				City: Hobbs																			
Project Name: MOC - Zircon 2 B1 EH State #2H				State: NM Zip: 88240																			
Project Location:				Phone #: 575-392-9996																			
Sampler Name: Becky Griffin				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING											
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME									
H001953																							
41		Base 041 @ 4.5 ft											7/20/20	01:00									
42		Base 042 @ 4.5 ft												01:05									
43		Base 043 @ 4.5 ft			1									01:10									
44		Base 044 @ 4.5 ft												01:15									
45		Base 045 @ 4.5 ft			1									01:25									
46		Base 046 @ 4.5 ft			1									01:30									
47		Base 047 @ 4.5 ft			1								7/27/20	08:00									
48		Base 048 @ 4.5 ft			1									08:05									
49		Base 049 @ 4.5 ft			1									08:10									
50		Base 050 @ 4.5 ft			1									08:15									
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																							
Relinquished By:				Date: 7-28-20		Received By:				Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Add'l Phone #:									
Time: 1350										Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Add'l Fax #:									
Relinquished By:				Date:		Received By:				REMARKS:													
				Time:						email results: knorman@tasman-geo.com													
										Justin Roberts <diamondback2491@yahoo.com>													
Delivered By: (Circle One)						Sample Condition				CHECKED BY:													
Sampler - UPS - Bus - Other:						Cool Intact				(Initials)													
-9.3c #113						<input type="checkbox"/> Yes <input type="checkbox"/> No				TO.													

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

Company Name: Diamondback Disposal Services Project Manager: Kyle Norman Address: 2525 NW County Rd. City: Hobbs State: NM Zip: 88240 Phone #: 575-392-9996 Fax #: Project #: Project Owner: Project Name: MOC - Zircon 2 B1 EH State #2H Project Location: Sampler Name: Becky Griffin				BILL TO				ANALYSIS REQUEST																																					
				P.O. #: Company: Diamondback Attn: Justin Roberts Address: 2525 NM County Rd City: Hobbs State: NM Zip: 88240 Phone #: 575-392-9996 Fax #:				Chlorides	TPH 8015 M EXT	BTEX	Texas TPH	Complete Cations/Anions	TDS	Total RCRA 8 Metals						HOLD																									
FOR LAB USE ONLY																																													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX																	PRESERV.		SAMPLING																						
				GROUNDWATER	WASTEWATER	SOIL	OIL														SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME																		
H001953																																													
51	Base 051 @ 4.5 ft					✓																		✓		7/27/20	08:20	✓	✓	✓															
52	Base 052 @ 4.5 ft					✓																		✓			08:25	✓	✓	✓															
53	Base 053 @ 4.5 ft		1			✓																		✓			08:30	✓	✓	✓															
54	Base 054 @ 4.5 ft					✓																		✓			08:35	✓	✓	✓															
55	Base 055 @ 4.5 ft		1			✓																		✓			08:40	✓	✓	✓															
56	Base 056 @ 4.5 ft		1			✓					✓			08:45	✓	✓	✓																												
57	Base 057 @ 4.5 ft		1			✓					✓			09:00	✓	✓	✓																												
58	Base 058 @ 4.5 ft		1			✓					✓			09:05	✓	✓	✓																												
59	Base 059 @ 4.5 ft		1			✓					✓			09:10	✓	✓	✓																												
60	Base 060 @ 4.5 ft		1			✓					✓			09:15	✓	✓	✓																												

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Relinquished By: 	Date: 7-28-20 Time: 1:50 PM	Received By: 	Date: Time:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:</
-----------------------------	--	-------------------------	------------------------------	---

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services Project Manager: Kyle Norman Address: 2525 NW County Rd, City: Hobbs State: NM Zip: 88240 Phone #: 575-392-9996 Fax #: Project #: Project Owner: Project Name: MOC - Zircon 2 B1 EH State #2H Project Location: Sampler Name: Becky Griffin				BILL TO P.O. #: Company: Diamondback Attn: Justin Roberts Address: 2525 NM County Rd City: Hobbs State: NM Zip: 88240 Phone #: 575-392-9996 Fax #:				ANALYSIS REQUEST															
				Chlorides		TPH 8015 M EXT		BTEX		Texas TPH		Complete Cations/Anions		TDS		Total RCRA 8 Metals		HOLD					
FOR LAB USE ONLY Lab I.D. Sample I.D.				(G)RAB OR (C)OMP. # CONTAINERS		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				PRESERV. ACID/BASE: ICE / COOL OTHER :		SAMPLING DATE TIME											
H001953				C								7/27/20		09:20									
61 Base 061 @ 4.5 ft				1								09:25		09:30									
62 Base 062 @ 4.5 ft				1								09:35		09:40									
63 Base 063 @ 4.5 ft				1								09:45		10:00									
64 Base 064 @ 4.5 ft				1								10:05		10:10									
65 Base 065 @ 4.5 ft				1								10:15											
66 Base 066 @ 4.5 ft				1																			
67 Base 067 @ 4.5 ft				1																			
68 Base 068 @ 4.5 ft				1																			
69 Base 069 @ 4.5 ft				1																			
70 Base 070 @ 4.5 ft				1																			

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Relinquished By: 		Date: 7-28-20 Time: 1:50 PM		Received By: 		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #: REMARKS:	
Relinquished By: 		Date: Time:		Received By: 		email results: knorman@tasman-geo.com Justin Roberts <diamondback2491@yahoo.com>	

Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) Y.O.	
---	--	--	--	--	--

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: 		Date: 7-28-20		Received By: 		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:	
Time: 1:50		Date:		Received By:		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Fax #:	
Relinquished By: 		Date:		Received By:		REMARKS: email results: knorman@tasman-geo.com Justin Roberts <diamondback2491@yahoo.com>			
Time:		Date:		Received By:					
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -9.3c #113				Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) J.R.			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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

August 13, 2020

KYLE NORMAN

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MOC - ZIRCON 2 B1 EH STATE #2H

Enclosed are the results of analyses for samples received by the laboratory on 08/10/20 14:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 001 (H002066-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.13	
Toluene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	0.930	
Ethylbenzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	08/10/2020	ND	5.92	98.7	6.00	1.06	
Total BTEX	<0.300	0.300	08/10/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/12/2020	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	192	96.1	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	180	90.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 002 (H002066-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.13	
Toluene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	0.930	
Ethylbenzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	08/10/2020	ND	5.92	98.7	6.00	1.06	
Total BTEX	<0.300	0.300	08/10/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	192	96.1	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	180	90.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 93.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 003 (H002066-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.13		
Toluene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	0.930		
Ethylbenzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.07		
Total Xylenes*	<0.150	0.150	08/10/2020	ND	5.92	98.7	6.00	1.06		
Total BTEX	<0.300	0.300	08/10/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	192	96.1	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	180	90.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 97.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 004 (H002066-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.13		
Toluene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	0.930		
Ethylbenzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.07		
Total Xylenes*	<0.150	0.150	08/10/2020	ND	5.92	98.7	6.00	1.06		
Total BTEx	<0.300	0.300	08/10/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 73.3-129

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	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	192	96.1	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	180	90.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-144

Surrogate: 1-Chlorooctadecane 111 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 005 (H002066-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.13		
Toluene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	0.930		
Ethylbenzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.07		
Total Xylenes*	<0.150	0.150	08/10/2020	ND	5.92	98.7	6.00	1.06		
Total BTEX	<0.300	0.300	08/10/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.3-129

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	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	192	96.1	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	180	90.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 006 (H002066-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.13	
Toluene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	0.930	
Ethylbenzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.07	
Total Xylenes*	<0.150	0.150	08/10/2020	ND	5.92	98.7	6.00	1.06	
Total BTX	<0.300	0.300	08/10/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 73.3-129

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	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	192	96.1	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	180	90.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 007 (H002066-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.13		
Toluene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	0.930		
Ethylbenzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.07		
Total Xylenes*	<0.150	0.150	08/10/2020	ND	5.92	98.7	6.00	1.06		
Total BTEx	<0.300	0.300	08/10/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 73.3-129

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	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	192	96.1	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	180	90.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 008 (H002066-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.13		
Toluene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	0.930		
Ethylbenzene*	<0.050	0.050	08/10/2020	ND	2.03	102	2.00	1.07		
Total Xylenes*	<0.150	0.150	08/10/2020	ND	5.92	98.7	6.00	1.06		
Total BTEx	<0.300	0.300	08/10/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1090	16.0	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	192	96.1	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	180	90.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 93.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 009 (H002066-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902		
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 73.3-129

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	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	192	96.1	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	180	90.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 010 (H002066-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902		
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

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	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	192	96.1	200	1.88	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	180	90.0	200	5.74	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 90.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.4 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 011 (H002066-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902	
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673	
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856	
Total BTX	<0.300	0.300	08/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

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	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 97.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 012 (H002066-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902		
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

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	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 98.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 013 (H002066-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902		
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 73.3-129

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	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 014 (H002066-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902		
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 107 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 015 (H002066-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902		
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 99.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 107 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 016 (H002066-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902		
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/12/2020	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 97.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 017 (H002066-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902	
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673	
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03	
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856	
Total BTX	<0.300	0.300	08/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	08/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 95.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 018 (H002066-18)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902		
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

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	08/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 97.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 019 (H002066-19)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.05	103	2.00	0.902		
Toluene*	<0.050	0.050	08/11/2020	ND	2.05	102	2.00	0.673		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	104	2.00	1.03		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	5.94	99.0	6.00	0.856		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	816	16.0	08/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 97.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 020 (H002066-20)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.04	102	2.00	1.43		
Toluene*	<0.050	0.050	08/11/2020	ND	2.06	103	2.00	1.42		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	103	2.00	1.46		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	6.01	100	6.00	1.43		
Total BTEX	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	08/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 021 (H002066-21)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2020	ND	2.04	102	2.00	1.43	
Toluene*	<0.050	0.050	08/11/2020	ND	2.06	103	2.00	1.42	
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	103	2.00	1.46	
Total Xylenes*	<0.150	0.150	08/11/2020	ND	6.01	100	6.00	1.43	
Total BTX	<0.300	0.300	08/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

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	08/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 93.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.8 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 022 (H002066-22)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/11/2020	ND	2.04	102	2.00	1.43	
Toluene*	<0.050	0.050	08/11/2020	ND	2.06	103	2.00	1.42	
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	103	2.00	1.46	
Total Xylenes*	<0.150	0.150	08/11/2020	ND	6.01	100	6.00	1.43	
Total BTX	<0.300	0.300	08/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	08/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 023 (H002066-23)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.04	102	2.00	1.43		
Toluene*	<0.050	0.050	08/11/2020	ND	2.06	103	2.00	1.42		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	103	2.00	1.46		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	6.01	100	6.00	1.43		
Total BTEX	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	08/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 99.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 024 (H002066-24)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.04	102	2.00	1.43		
Toluene*	<0.050	0.050	08/11/2020	ND	2.06	103	2.00	1.42		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	103	2.00	1.46		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	6.01	100	6.00	1.43		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	08/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/11/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	63.7	10.0	08/11/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	16.4	10.0	08/11/2020	ND					

Surrogate: 1-Chlorooctane 96.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 025 (H002066-25)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.04	102	2.00	1.43		
Toluene*	<0.050	0.050	08/11/2020	ND	2.06	103	2.00	1.42		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	103	2.00	1.46		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	6.01	100	6.00	1.43		
Total BTEX	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	08/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2020	ND	188	94.0	200	11.1	
DRO >C10-C28*	<10.0	10.0	08/12/2020	ND	191	95.3	200	11.8	
EXT DRO >C28-C36	<10.0	10.0	08/12/2020	ND					

Surrogate: 1-Chlorooctane 96.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	08/10/2020	Sampling Date:	08/07/2020
Reported:	08/13/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: BOTTOM 058 @ 5' (H002066-26)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/11/2020	ND	2.04	102	2.00	1.43		
Toluene*	<0.050	0.050	08/11/2020	ND	2.06	103	2.00	1.42		
Ethylbenzene*	<0.050	0.050	08/11/2020	ND	2.07	103	2.00	1.46		
Total Xylenes*	<0.150	0.150	08/11/2020	ND	6.01	100	6.00	1.43		
Total BTEx	<0.300	0.300	08/11/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5200	16.0	08/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/12/2020	ND	190	95.0	200	8.58	
DRO >C10-C28*	<10.0	10.0	08/12/2020	ND	192	96.1	200	8.42	
EXT DRO >C28-C36	<10.0	10.0	08/12/2020	ND					

Surrogate: 1-Chlorooctane 93.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 99.3 % 42.2-156

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services				BILL TO				ANALYSIS REQUEST												
Project Manager: Kyle Norman				P.O. #:				TPH 8015 M Ext	Chloride 4500	BTEX 8021B	RCI	TCLP RCRA8	NORM	Paint Filter	TCLP Benzene					
Address: 2525 NW County Rd				Company: Diamondback																
City: Hobbs State: NM Zip: 88240				Attn: Justin Roberts																
Phone #: 575-392-9996 Fax #:				Address: 2525 NW County Rd																
Project #: Project Owner:				City: Hobbs																
Project Name: MOC - Zircon 2 B1 EH State #2H				State: NM Zip: 88240																
Project Location:				Phone #: 575-392-9996																
Sampler Name: Becky Griffin				Fax #:																
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING											
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME						
H002066																				
1	Wall 001	C	1			✓				✓			8/7/20	08:30	✓	✓	✓			
2	Wall 002	C	1			✓				✓				08:35	✓	✓	✓			
3	Wall 003	C	1			✓				✓				08:40	✓	✓	✓			
4	Wall 004	C	1			✓				✓				08:45	✓	✓	✓			
5	Wall 005	C	1			✓				✓				08:50	✓	✓	✓			
6	Wall 006	C	1			✓				✓				08:55	✓	✓	✓			
7	Wall 007	C	1			✓				✓				09:00	✓	✓	✓			
8	Wall 008	C	1			✓				✓				09:05	✓	✓	✓			
9	Wall 009	C	1			✓				✓				09:10	✓	✓	✓			
10	Wall 010	C	1			✓				✓				09:15	✓	✓	✓			

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Relinquished By:	Date: 3-10-20	Received By: [Signature]	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
[Signature]	Time: 1415	[Signature]	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results to: knorman@tasman-geo.com, Justin Roberts <diamondback2491@yahoo.com>	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)		
1.5c #113	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	JO		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476




**ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services				BILL TO				ANALYSIS REQUEST											
Project Manager: Kyle Norman				P.O. #:				TPH 8015 M Ext	Chloride 4500	BTEX 8021B	RCI	TCLP RCRA8	NORM	Paint Filter	TCLP Benzene				
Address: 2525 NW County Rd				Company: Diamondback															
City: Hobbs State: NM Zip: 88240				Attn: Justin Roberts															
Phone #: 575-392-9996 Fax #:				Address: 2525 NW County Rd															
Project #: Project Owner:				City: Hobbs															
Project Name: MOC - Zircon 2 B1 EH State #2H				State: NM Zip: 88240															
Project Location:				Phone #: 575-392-9996															
Sampler Name: Becky Griffin				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME					
4002065																			
11	Wall 011	C	1			✓				✓			8/7/20	09:30	✓	✓	✓		
12	Wall 012	C	1			✓				✓				09:35	✓	✓	✓		
13	Wall 013	C	1			✓				✓				09:40	✓	✓	✓		
14	Wall 014	C	1			✓				✓				09:45	✓	✓	✓		
15	Wall 015	C	1			✓				✓				09:50	✓	✓	✓		
16	Wall 016	C	1			✓				✓				09:55	✓	✓	✓		
17	Wall 017	C	1			✓				✓				10:00	✓	✓	✓		
18	Wall 018	C	1			✓				✓				10:05	✓	✓	✓		
19	Wall 019	C	1			✓				✓				10:10	✓	✓	✓		
20	Wall 020	C	1			✓				✓				10:15	✓	✓	✓		

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Relinquished By: 		Date: 8-10-20	Received By: 	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Time: 1415				Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By: 		Date:	Received By:	REMARKS:	
Time:				email results to: knorman@tasman-geo.com, Justin Roberts <diamondback2491@yahoo.com>	
Delivered By: (Circle One)		Sample Condition		CHECKED BY:	
Sampler - UPS - Bus - Other:		Cool Intact		(Initials)	
1.5°C #113		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		TO-	

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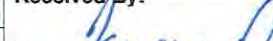
ARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By:		Date: 8-10-20	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
		Time: 1415		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:		REMARKS:	
		Time:		email results to: knorman@tasman-geo.com, Justin Roberts <diamondback2491@yahoo.com>	
Delivered By: (Circle One)			Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:			Cool Intact	(Initials)	
1.5°C #113			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	TO	
			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

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

September 10, 2020

KYLE NORMAN

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MOC - ZIRCON 2 B1 EH STATE #2H

Enclosed are the results of analyses for samples received by the laboratory on 09/08/20 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	09/08/2020	Sampling Date:	09/03/2020
Reported:	09/10/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: V - 2 @ 12' (H002377-01)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2020	ND	2.17	109	2.00	4.41	
Toluene*	<0.050	0.050	09/09/2020	ND	2.16	108	2.00	4.85	
Ethylbenzene*	<0.050	0.050	09/09/2020	ND	2.14	107	2.00	4.67	
Total Xylenes*	<0.150	0.150	09/09/2020	ND	6.17	103	6.00	4.65	
Total BTX	<0.300	0.300	09/09/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500Cl-B			mg/kg		Analyzed By: GM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8530	16.0	09/09/2020	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	09/09/2020	ND	172	86.1	200	14.5	
DRO >C10-C28*	<10.0	10.0	09/09/2020	ND	181	90.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	09/09/2020	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	09/08/2020	Sampling Date:	09/03/2020
Reported:	09/10/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: V - 2 @ 20' (H002377-02)

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2020	ND	2.17	109	2.00	4.41		
Toluene*	<0.050	0.050	09/09/2020	ND	2.16	108	2.00	4.85		
Ethylbenzene*	<0.050	0.050	09/09/2020	ND	2.14	107	2.00	4.67		
Total Xylenes*	<0.150	0.150	09/09/2020	ND	6.17	103	6.00	4.65		
Total BTX	<0.300	0.300	09/09/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	09/09/2020	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	09/09/2020	ND	172	86.1	200	14.5		
DRO >C10-C28*	<10.0	10.0	09/09/2020	ND	181	90.4	200	14.5		
EXT DRO >C28-C36	<10.0	10.0	09/09/2020	ND						

Surrogate: 1-Chlorooctane 96.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	09/08/2020	Sampling Date:	09/03/2020
Reported:	09/10/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: V - 4 @ 6' (H002377-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2020	ND	2.17	109	2.00	4.41	
Toluene*	<0.050	0.050	09/09/2020	ND	2.16	108	2.00	4.85	
Ethylbenzene*	<0.050	0.050	09/09/2020	ND	2.14	107	2.00	4.67	
Total Xylenes*	<0.150	0.150	09/09/2020	ND	6.17	103	6.00	4.65	
Total BTEx	<0.300	0.300	09/09/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	13800	16.0	09/09/2020	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	09/09/2020	ND	172	86.1	200	14.5	
DRO >C10-C28*	<10.0	10.0	09/09/2020	ND	181	90.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	09/09/2020	ND					

Surrogate: 1-Chlorooctane 96.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	09/08/2020	Sampling Date:	09/03/2020
Reported:	09/10/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: V - 4 @ 16' (H002377-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2020	ND	2.17	109	2.00	4.41	
Toluene*	<0.050	0.050	09/09/2020	ND	2.16	108	2.00	4.85	
Ethylbenzene*	<0.050	0.050	09/09/2020	ND	2.14	107	2.00	4.67	
Total Xylenes*	<0.150	0.150	09/09/2020	ND	6.17	103	6.00	4.65	
Total BTEx	<0.300	0.300	09/09/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

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	09/09/2020	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	09/09/2020	ND	172	86.1	200	14.5	
DRO >C10-C28*	<10.0	10.0	09/09/2020	ND	181	90.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	09/09/2020	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	09/08/2020	Sampling Date:	09/03/2020
Reported:	09/10/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: V - 5 @ 8' (H002377-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2020	ND	2.17	109	2.00	4.41	
Toluene*	<0.050	0.050	09/09/2020	ND	2.16	108	2.00	4.85	
Ethylbenzene*	<0.050	0.050	09/09/2020	ND	2.14	107	2.00	4.67	
Total Xylenes*	<0.150	0.150	09/09/2020	ND	6.17	103	6.00	4.65	
Total BTEx	<0.300	0.300	09/09/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9730	16.0	09/09/2020	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	09/09/2020	ND	172	86.1	200	14.5	
DRO >C10-C28*	<10.0	10.0	09/09/2020	ND	181	90.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	09/09/2020	ND					

Surrogate: 1-Chlorooctane 102 % 44.3-144

Surrogate: 1-Chlorooctadecane 107 % 42.2-156

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:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	09/08/2020	Sampling Date:	09/03/2020
Reported:	09/10/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: V - 5 @ 16' (H002377-06)

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2020	ND	2.17	109	2.00	4.41		
Toluene*	<0.050	0.050	09/09/2020	ND	2.16	108	2.00	4.85		
Ethylbenzene*	<0.050	0.050	09/09/2020	ND	2.14	107	2.00	4.67		
Total Xylenes*	<0.150	0.150	09/09/2020	ND	6.17	103	6.00	4.65		
Total BTX	<0.300	0.300	09/09/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

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	09/09/2020	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	09/09/2020	ND	172	86.1	200	14.5		
DRO >C10-C28*	<10.0	10.0	09/09/2020	ND	181	90.4	200	14.5		
EXT DRO >C28-C36	<10.0	10.0	09/09/2020	ND						

Surrogate: 1-Chlorooctane 99.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	09/08/2020	Sampling Date:	09/03/2020
Reported:	09/10/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: W - 008 (STEPPED OUT) (H002377-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/09/2020	ND	2.17	109	2.00	4.41	
Toluene*	<0.050	0.050	09/09/2020	ND	2.16	108	2.00	4.85	
Ethylbenzene*	<0.050	0.050	09/09/2020	ND	2.14	107	2.00	4.67	
Total Xylenes*	<0.150	0.150	09/09/2020	ND	6.17	103	6.00	4.65	
Total BTEx	<0.300	0.300	09/09/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.3-129

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	09/09/2020	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	09/09/2020	ND	172	86.1	200	14.5	
DRO >C10-C28*	49.3	10.0	09/09/2020	ND	181	90.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	09/09/2020	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-144

Surrogate: 1-Chlorooctadecane 113 % 42.2-156

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325)673-7020

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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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

October 01, 2020

KYLE NORMAN

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MOC - ZIRCON 2 B1 EH STATE #2H

Enclosed are the results of analyses for samples received by the laboratory on 09/29/20 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	09/29/2020	Sampling Date:	09/29/2020
Reported:	10/01/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 026 (H002574-01)

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/30/2020	ND	1.94	97.0	2.00	9.32	
Toluene*	<0.050	0.050	09/30/2020	ND	1.98	99.0	2.00	8.83	
Ethylbenzene*	<0.050	0.050	09/30/2020	ND	1.95	97.7	2.00	8.64	
Total Xylenes*	<0.150	0.150	09/30/2020	ND	6.10	102	6.00	8.34	
Total BTX	<0.300	0.300	09/30/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 73.3-129

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	09/30/2020	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	09/30/2020	ND	189	94.3	200	0.997	
DRO >C10-C28*	<10.0	10.0	09/30/2020	ND	191	95.6	200	0.571	
EXT DRO >C28-C36	<10.0	10.0	09/30/2020	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 113 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	09/29/2020	Sampling Date:	09/29/2020
Reported:	10/01/2020	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: WALL 027 (H002574-02)

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/30/2020	ND	1.94	97.0	2.00	9.32		
Toluene*	<0.050	0.050	09/30/2020	ND	1.98	99.0	2.00	8.83		
Ethylbenzene*	<0.050	0.050	09/30/2020	ND	1.95	97.7	2.00	8.64		
Total Xylenes*	<0.150	0.150	09/30/2020	ND	6.10	102	6.00	8.34		
Total BTEx	<0.300	0.300	09/30/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	09/30/2020	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	09/30/2020	ND	189	94.3	200	0.997	
DRO >C10-C28*	<10.0	10.0	09/30/2020	ND	191	95.6	200	0.571	
EXT DRO >C28-C36	<10.0	10.0	09/30/2020	ND					

Surrogate: 1-Chlorooctane 96.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 108 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

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A handwritten signature in cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

**• ARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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

January 25, 2021

KYLE NORMAN

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: MOC - ZIRCON 2 B1 EH STATE #2H

Enclosed are the results of analyses for samples received by the laboratory on 01/22/21 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	01/22/2021	Sampling Date:	01/19/2021
Reported:	01/25/2021	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: SOIL BORE - 1 @ 25' (H210156-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2021	ND	2.15	108	2.00	1.01	
Toluene*	<0.050	0.050	01/22/2021	ND	2.09	104	2.00	0.521	
Ethylbenzene*	<0.050	0.050	01/22/2021	ND	2.07	103	2.00	0.112	
Total Xylenes*	<0.150	0.150	01/22/2021	ND	6.05	101	6.00	0.160	
Total BTEX	<0.300	0.300	01/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

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	01/22/2021	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	01/22/2021	ND	188	94.1	200	8.01	
DRO >C10-C28*	<10.0	10.0	01/22/2021	ND	189	94.6	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	01/22/2021	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.6 % 42.2-156

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:

DIAMONDBACK DISPOSAL SERVICE INC.
 KYLE NORMAN
 P. O. BOX 2491
 HOBBS NM, 88241
 Fax To: (575) 392-9376

Received:	01/22/2021	Sampling Date:	01/19/2021
Reported:	01/25/2021	Sampling Type:	Soil
Project Name:	MOC - ZIRCON 2 B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

Sample ID: SOIL BORE - 1 @ 30' (H210156-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2021	ND	2.15	108	2.00	1.01	
Toluene*	<0.050	0.050	01/22/2021	ND	2.09	104	2.00	0.521	
Ethylbenzene*	<0.050	0.050	01/22/2021	ND	2.07	103	2.00	0.112	
Total Xylenes*	<0.150	0.150	01/22/2021	ND	6.05	101	6.00	0.160	
Total BTX	<0.300	0.300	01/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	01/22/2021	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	01/22/2021	ND	188	94.1	200	8.01	
DRO >C10-C28*	<10.0	10.0	01/22/2021	ND	189	94.6	200	5.38	
EXT DRO >C28-C36	<10.0	10.0	01/22/2021	ND					

Surrogate: 1-Chlorooctane 93.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

February 11, 2021

KYLE NORMAN

TASMAN GEOSCIENCES

6899 PECOS ST. UNIT C

DENVER, CO 80221

RE: MOC - ZIRCON B1 EH STATE #2H

Enclosed are the results of analyses for samples received by the laboratory on 02/08/21 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received:	02/08/2021	Sampling Date:	02/08/2021
Reported:	02/11/2021	Sampling Type:	Soil
Project Name:	MOC - ZIRCON B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DIAMONDBACK		

Sample ID: SOIL BORE - 2 @ 35' (H210317-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2021	ND	2.17	109	2.00	2.23		
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13		
Total BTEX	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7280	16.0	02/10/2021	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	02/10/2021	ND	213	106	200	0.435	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	209	105	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 72.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.9 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received:	02/08/2021	Sampling Date:	02/08/2021
Reported:	02/11/2021	Sampling Type:	Soil
Project Name:	MOC - ZIRCON B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DIAMONDBACK		

Sample ID: SOIL BORE - 2 @ 90' (H210317-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2021	ND	2.17	109	2.00	2.23	
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13	
Total BTEX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	02/10/2021	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	02/10/2021	ND	213	106	200	0.435	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	209	105	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 79.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.7 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received:	02/08/2021	Sampling Date:	02/08/2021
Reported:	02/11/2021	Sampling Type:	Soil
Project Name:	MOC - ZIRCON B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DIAMONDBACK		

Sample ID: SOIL BORE - 3 @ 25' (H210317-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2021	ND	2.17	109	2.00	2.23		
Toluene*	<0.050	0.050	02/10/2021	ND	2.14	107	2.00	2.60		
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.09	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.12	102	6.00	2.13		
Total BTEx	<0.300	0.300	02/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7800	16.0	02/10/2021	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	02/10/2021	ND	213	106	200	0.435	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	209	105	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 77.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.1 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TASMAN GEOSCIENCES
 KYLE NORMAN
 6899 PECOS ST. UNIT C
 DENVER CO, 80221
 Fax To:

Received:	02/08/2021	Sampling Date:	02/08/2021
Reported:	02/11/2021	Sampling Type:	Soil
Project Name:	MOC - ZIRCON B1 EH STATE #2H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DIAMONDBACK		

Sample ID: SOIL BORE - 3 @ 40' (H210317-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2021	ND	2.18	109	2.00	1.83	
Toluene*	<0.050	0.050	02/10/2021	ND	2.16	108	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/10/2021	ND	2.10	105	2.00	2.41	
Total Xylenes*	<0.150	0.150	02/10/2021	ND	6.11	102	6.00	2.55	
Total BTEX	<0.300	0.300	02/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/10/2021	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	02/10/2021	ND	213	106	200	0.435	
DRO >C10-C28*	<10.0	10.0	02/10/2021	ND	209	105	200	5.31	
EXT DRO >C28-C36	<10.0	10.0	02/10/2021	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.2 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
 (505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamondback Disposal Services				BILL TO				ANALYSIS REQUEST										
Project Manager: Kyle Norman				P.O. #:				TPH 8015 M Ext Chloride 4500 BTEX 8021B RCI TCLP RCRA8 NORM Paint Filter TCLP Benzene										
Address: 2525 NW County Rd				Company: Diamondback														
City: Hobbs State: NM Zip: 88240				Attn: Justin Roberts														
Phone #: 575-392-9996 Fax #:				Address: 2525 NW County Rd														
Project #: Project Owner:				City: Hobbs														
Project Name: MOC - Zircon 2 B1 EH State #2H				State: NM Zip: 88240														
Project Location:				Phone #: 575-392-9996														
Sampler Name: Becky Griffin				Fax #:														
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	(GRAB OR C/OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME				
H210317																		
1	Soil Bore - 2 @ 35'		1			✓				✓			2/8/21	09:00	✓	✓	✓	
2	Soil Bore - 2 @ 90'		1			✓				✓			2/8/21	10:00	✓	✓	✓	
3	Soil Bore - 3 @ 25'		1			✓				✓			2/8/21	11:30	✓	✓	✓	
4	Soil Bore - 3 @ 40'		1			✓				✓			2/8/21	12:00	✓	✓	✓	

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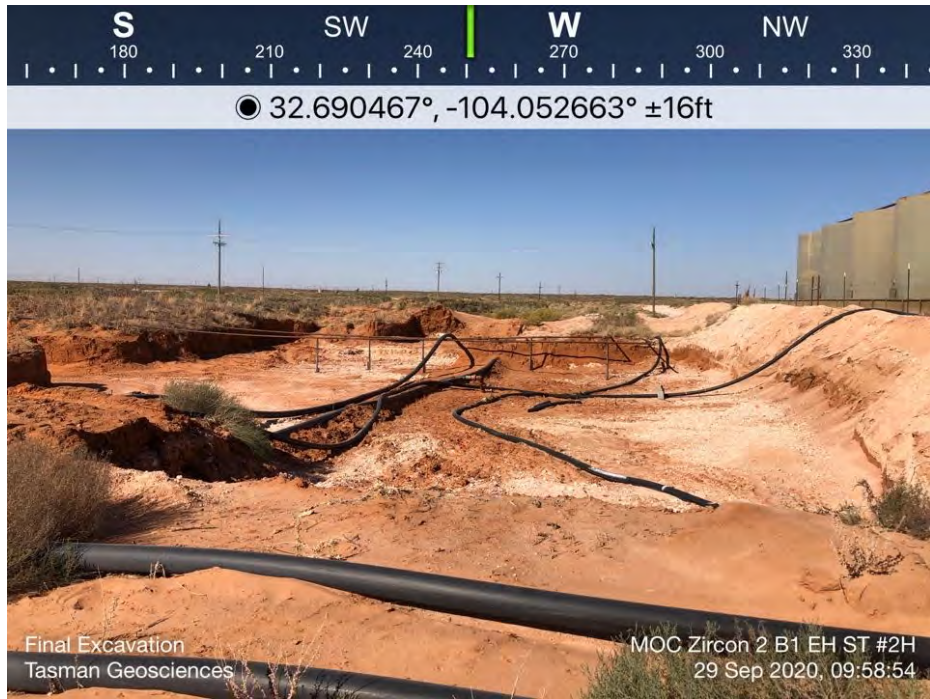
Relinquished By:	Date: 2-8-21	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 1515		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results to: knorman@tasman-geo.com, Justin Roberts <diamondback2491@yahoo.com>, bgriffin@tasman-geo.com	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other: 230 #113	Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Initials) JO		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

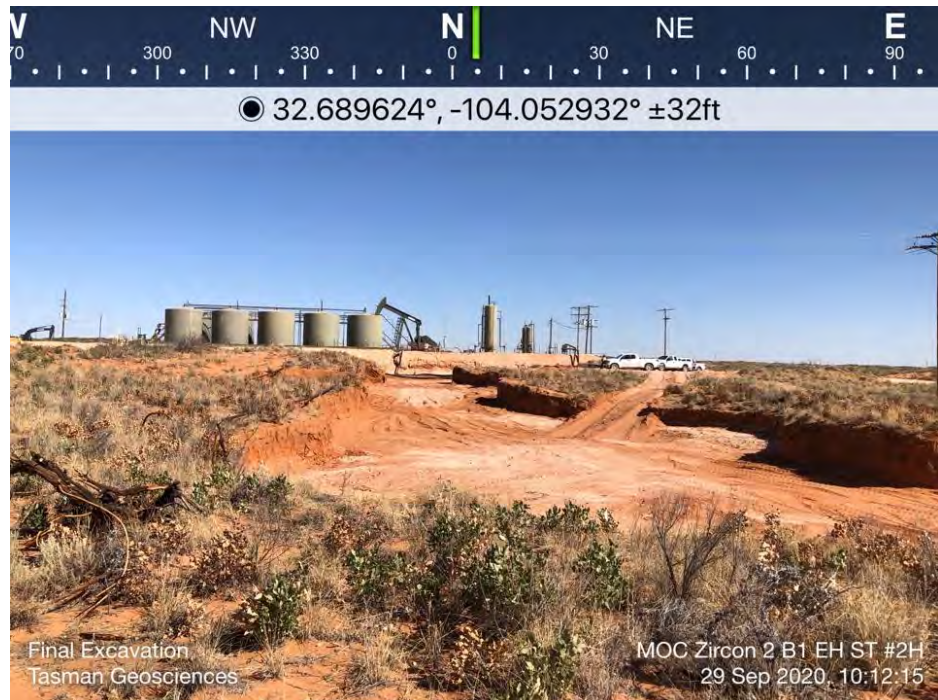
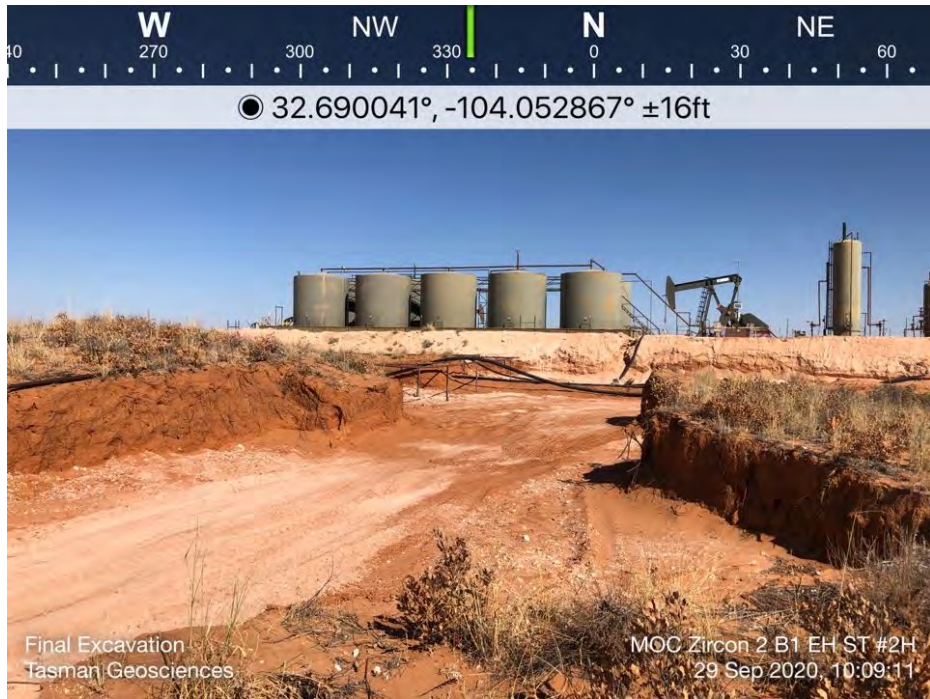
Appendix C

Photo Documentation

MOC
Zircon 2 B1 EH St #2H



MOC
Zircon 2 B1 EH St #2H



MOC
Zircon 2 B1 EH St #2H



Appendix D

Initial C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Mewbourne Oil Company	OGRID 14744
Contact Name Robbie Runnels	Contact Telephone 575-393-5905
Contact email rrunnels@mewbourne.com	Incident # (assigned by OCD)
Contact mailing address P.O. Box 5270, Hobbs, NM 88241	

Location of Release Source

Latitude 32.690401

Longitude -104.052957

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Zircon 2 B1 EH State #2H	Site Type Production
Date Release Discovered 6/21/2020 @ 4:00 PM	API# (if applicable) 30-015-42028

Unit Letter	Section	Township	Range	County
E	2	19S	29E	Eddy

Surface Owner: State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls) Estimated	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) Estimated 200	Volume Recovered (bbls) 30
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	x Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)


Poly disposal line developed a leak.

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The volume of fluid released was great than 25 BBL.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given to Victoria Venegas on 6/22/2020 at 3:00 PM by email from Robbie Runnels.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why: N/A
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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. Printed Name: <u>Robbie Runnels</u> Title: <u>Environmental Specialist</u> Signature:  Date: <u>6/22/2020</u> email: <u>rrunnels@mewbourne.com</u> Telephone: <u>575-393-5905</u>
<u>OCD Only</u> Received by: _____ Date: _____

Appendix E
Soil Boring Log



Borehole Logging Form

Boring/Well ID #: Soil Bore 1		SITE NAME: Zircon 2 B1 EH State #2H		CLIENT NAME: Mewbourne Oil Company			
Date Started: 1/19/2021		Location: UL "E", Sec. 2, T19S, R29E					
Date Completed: 1/19/2021		TOC Elevation:		DTW: ~221 Ft.			
Type of Drill: Auger		Staff Scientist:		Becky Griffin			
Bit Size: 4"		Project Manager:		Kyle Norman			
Drilling Company: C & M Drilling							
Depth (feet)		Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description
25			528	NA	400		Sandy clay reddish/brown
30			507	NA	464		Sandy clay reddish/brown
35							
40							
45							
50							
55							
60							
65							
70							
75							
80							
85							
90							
95							
100							
105							
110							
115							
120							



Borehole Logging Form

Boring/Well ID #: Soil Bore 2		SITE NAME: Zircon 2 B1 EH State #2H		CLIENT NAME: Mewbourne Oil Company			
Date Started: 2/8/2021		Location: UL "E", Sec. 2, T19S, R29E					
Date Completed: 2/8/2021		TOC Elevation:			DTW: ~221 Ft.		
Type of Drill: Air Rotary		Staff Scientist: Becky Griffin					
Bit Size: 6"		Project Manager: Kyle Norman					
Drilling Company: HCI Drilling							
Depth (feet)	Well Completion	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description
25			3448	NA	NA		Sandy clay reddish/brown
30			4658	NA	NA		Sandy clay reddish/brown
35			4897	NA	7280		Sandy clay reddish/brown
40			4373	NA	NA		Sandy clay reddish/brown
45			1217	NA	NA		Sandy clay reddish/brown
50			834	NA	NA		Sandy red clay
55			745	NA	NA		Sandy red clay
60			594	NA	NA		Sandy red clay
65			612	NA	NA		Sandy red clay
70			586	NA	NA		Sandy red clay
75			618	NA	NA		Sandy red clay
80			765	NA	NA		Sandy red clay
85			668	NA	NA		Sandy red clay
90			381	NA	400		Sandy red clay
95							
100							
105							
110							
115							
120							



Borehole Logging Form

Boring/Well ID #: Soil Bore 3		SITE NAME: Zircon 2 B1 EH State #2H			CLIENT NAME: Mewbourne Oil Company		
Date Started: 2/8/2021		Location: UL "E", Sec. 2, T19S, R29E					
Date Completed: 2/8/2021		TOC Elevation:			DTW: ~221 Ft.		
Type of Drill: Air Rotary		Staff Scientist: Becky Griffin					
Bit Size: 6"		Project Manager: Kyle Norman					
Drilling Company: HCI Drilling							
Depth (feet)	Well Completion	Sample Type	Field CL-	PID (ppm)	Laboratory Sample	USCS	Description
25			8150	NA	7800		Sandy clay reddish/brown
30			617	NA	NA		Sandy clay reddish/brown
35			624	NA	NA		Sandy clay reddish/brown
40			421	NA	320		Sandy clay reddish/brown
45							
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Appendix F
C-141 Closure Form

Incident ID	NRM2017555009
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	≥106 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	NRM2017555009
District RP	
Facility ID	
Application ID	

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.

Printed Name: Robbie Runnels Title: Environmental Specialist

Signature: _____ Date: _____

email: rrunnels@mewbourne.com Telephone: 575-393-5905

OCD Only

Received by: _____ Date: _____

Incident ID	NRM2017555009
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Robbie Runnels Title: Environmental Specialist

Signature: _____ Date: _____

email: rrunnels@mewbourne.com Telephone: 575-393-5905**OCD Only**

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

Incident ID	NRM2017555009
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Robbie Runnels Title: Environmental Specialist

Signature: _____ Date: _____

email: rrunnels@mewbourne.com Telephone: 575-393-5905

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Incident ID	NRM2017555009
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: Robbie Runnels Title: Environmental Specialist
Signature: _____ Date: _____
email: rrunnels@mewbourne.com Telephone: 575-393-5905

OCD Only

Received by: Robert Hamlet Date: 8/10/2021

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral Approved

Signature: Robert Hamlet Date: 8/10/2021

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

CONDITIONS

Action 24012

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 24012
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Mewbourne Oil requests to complete final remediation of soil sample locations "Wall 024", "Wall 025", "Base 075" and all contaminants adjacent to and/or underneath the on-site storage tanks and/or associated pipes and appurtenances during any future major deconstruction/alteration and/or abandonment, whichever occurs first. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue. This is a State site and will require like approval from SLO.	8/10/2021