

Incident ID	NAPP2234164180
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: Connor Walker Title: Sr. Engineer

Signature: 

Date: 2/15/2023

email: cwalker@mewbourne.com

Telephone: 806-202-5281

**OCD Only**

Received by: Jocelyn Harimon

Date: 02/21/2023

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: Robert Hamlet Date: 6/20/2023

Printed Name: Robert Hamlet

Title: Environmental Specialist - Advanced



**MEWBOURNE**  
**OIL COMPANY**

**Pine Box 17 BO Fed Com #1H**  
**NAPP2234164180**

## **Final Remediation Report**



2525 NW County Rd

Hobbs, NM 88240  
[\(575\) 392-9996](tel:5753929996)

## **Introduction**

This report represents the results of remediation activities at the Pine Box 17 BO Fed Com #1H. On behalf of Mewbourne Oil Company (Mewbourne), Diamondback Disposal Services, Inc. (Diamondback) was tasked with the cleanup and remediation of release NAPP2234164180. The release occurred in Unit Letter B, Section 17, Township 20S, Range 25E at coordinates 32.580491, -104.503821. The remediation was performed in general accordance with the New Mexico Oil Conservation Division (NMOCD) and 19.15.29 of the New Mexico Administrative Code (NMAC) effective date August 14, 2018.

## **Overview**

The spill site was located on a well pad within Federal land and the affected area consisted of mostly caliche pan with minor encroachment into grass, prairie, and range lands. An polished rod liner failed causing oil to leak onto the pad. Approximately 38 barrels of crude oil was lost with 30 barrels recovered. All figures were calculated based on normal flow rates.

## **Regulatory Guidelines**

Upon review of the site characteristics it was found that the site resides in a area with high karst potential and there-fore Table 1 NMAC 19.15.29.12 closure criteria for groundwater less that 50ft (See Table Below) will be utilized per Mewbourne's request.

Table 1 NMAC 19.15.29.12		
Closure Criteria for Soils Impacted by a Release		
<50 Feet	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

## **Remediation Activities**

Between the dates of January 19<sup>th</sup>, 2023 and February 6<sup>th</sup>, 2023 Diamondback excavated approximately 1400 cubic yards (cy) of impacted material, loaded and transported it to R-360 Halfway Facility for disposal. Depth of excavation ranges from 1-foot BGS to 9-feet BGS. Between the dates of January 19<sup>th</sup>, 2023 and January 26<sup>th</sup>, 2023 the site was sampled to determine the RRAL's had been met. Five-point composite samples were collected, every 200 square feet of side wall and 200 square feet of floor area, packaged and delivered to a third-party lab, with chain of custody for testing as per regulatory standards. (See attached analytical). Upon review of analytical, all floor samples proved to be below table 1 RRAL's for site closure. At locations where wall sample results exceeded allowed levels of TPH these areas were over excavated and re-sampled. Being that Table 1 Closure Criteria for groundwater 50' BGS, all restoration and reclamation limits have been met.

The site will be back-filled with Approximately 1380 cy of like material obtained from a local source. Back-fill will be placed in a manner that will restore the well pad back to operating condition and prevent storm water runoff.

### **Conclusion**

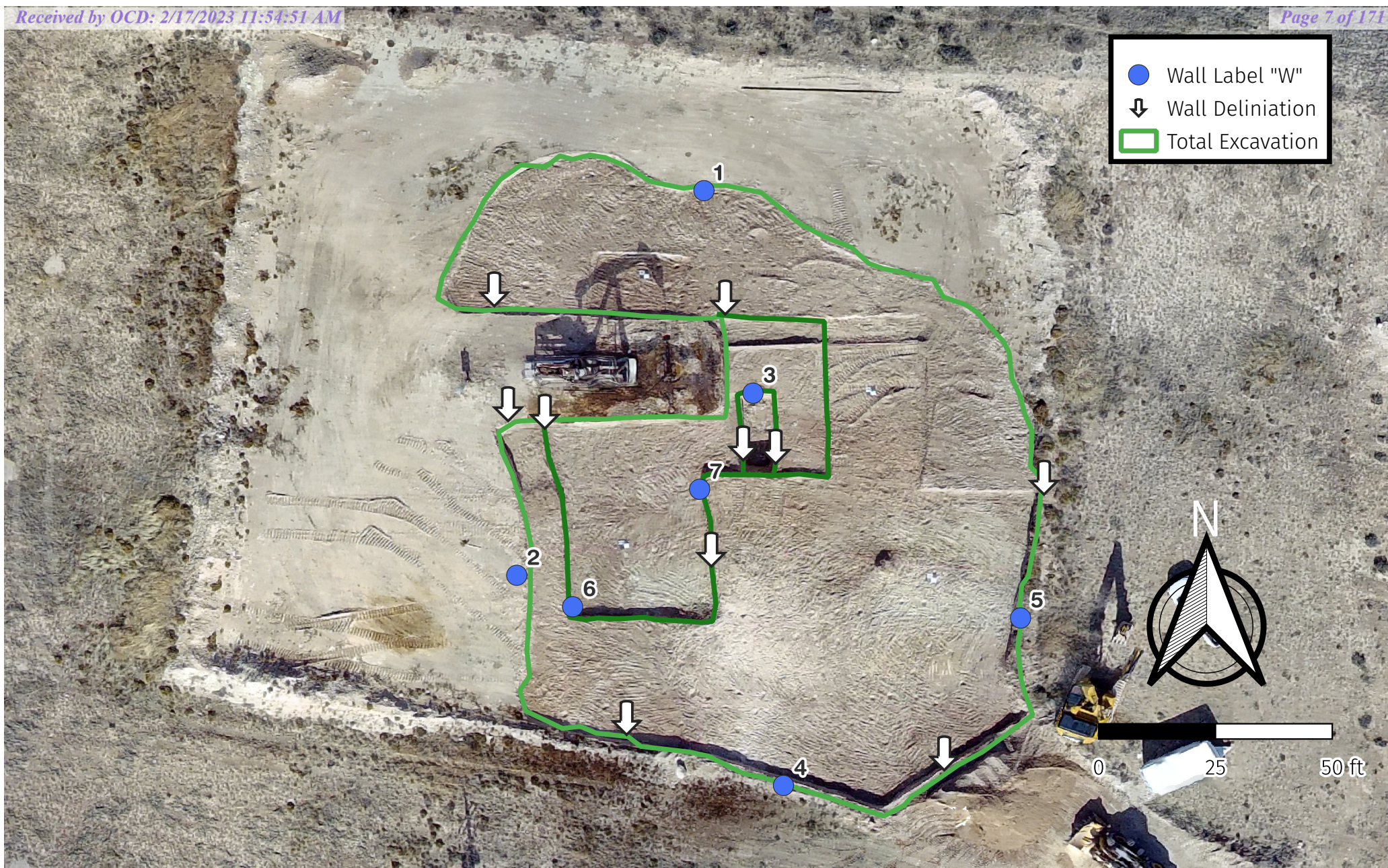
Upon review of all analytical data provided by the third-party independent lab, results indicated that all recommended remediation action levels and restoration/reclamation criteria were met for all excavated areas. On behalf of Mewbourne Oil Company, we respectfully request the NMOCD grant closure approval for the Pine Box 17 BO Fed Com #1H NAPP2234164180



SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	SAMPLE TYPE	BENZENE	TOLUENE mg/ kg	ETHYL- BENZEN (mg/ kg)	TOTAL XYLENES mg/kg	TOTAL BTEX (mg/kg)	GRO C 6-C 10 (mg/kg)	DRO C 6-C 10 (mg/kg)	EXT DRO C 28- C36 (mg/kg)	TPH C6-c36 (mg/kg)	CHLORIDE (mg/kg)
W 1 WALL	H230325-0	0-1'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112.0
W 2 WALL	H230325-02	0-3'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
W 3 WALL	H230325-01	2-9'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
W 4 WALL	H230381-01	0-2'	1-26-23	COMP	<0.050	<b>0.111</b>	<0.050	<0.150	<0.300	<10.0	<b>94.2</b>	<b>21.4</b>	<b>115.6</b>	176
W 4 WALL	H230518-01	0-2'	02-6-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
W 5 WALL	H230381-02	0-2'	1-26-23	COMP	<0.050	<b>0.146</b>	<0.050	<0.150	<0.300	<10.0	<b>110</b>	<b>19.8</b>	<b>129.8</b>	208
W 5 WALL	H230518-02	0-2'	02-6-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
W 6 WALL	H230381-03	1-4'	1-26-23	COMP	<0.050	<b>0.186</b>	<0.050	<0.150	<0.300	<10.0	<b>64.8</b>	<b>12.8</b>	<b>77.6</b>	192
W 7 WALL	H230381-04	2-4'	1-26-23	COMP	<0.050	<b>0.154</b>	<0.050	<0.150	<0.300	<10.0	<b>94.4</b>	<b>15.2</b>	<b>109.6</b>	304
W 7 WALL	H230518-03	2-4'	2-06-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	SAMPLE TYPE	BENZENE	TOLUENE mg/ kg	ETHYL- BENZEN (mg/ kg)	TOTAL XYLENES mg/kg	TOTAL BTEX (mg/kg)	GRO C 6-C 10 (mg/kg)	DRO C 6-C 10 (mg/kg)	EXT DRO C 28- C36 (mg/kg)	TPH C6-c36 (mg/kg)	CHLORIDE (mg/kg)
B 1 FLOOR	H230280-01	1'	01-19-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	384
B 2 FLOOR	H230280-02	1'	01-19-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
B 3 FLOOR	H230280-03	1'	01-19-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	464
B 4 FLOOR	H230280-04	1'	01-19-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B 5 FLOOR	H230280-05	1'	01-19-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	512
B 6 FLOOR	H230280-06	1'	01-19-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
B 7 FLOOR	H230312-01	2'	1-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
B 8 FLOOR	H230280-07	1'	01-19-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
B 9 FLOOR	H230312-02	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	368
B 10 FLOOR	H230280-08	1'	01-19-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B 11 FLOOR	H230312-03	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	400
B 12 FLOOR	H230312-04	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
B 13 FLOOR	H230312-05	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
B 14 FLOOR	H230312-06	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<b>78.1</b>	<b>78.1</b>	368
B 15 FLOOR	H230312-07	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
B 16 FLOOR	H230312-08	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B 17 FLOOR	H230312-09	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	144
B 18 FLOOR	H230312-10	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B 19 FLOOR	H230312-11	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<b>14.9</b>	<b>14.9</b>	230
B 20 FLOOR	H230312-12	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<b>15.5</b>	<b>15.5</b>	368
B 21 FLOOR	H230312-13	1'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<b>35.1</b>	<b>35.1</b>	352
B 22 FLOOR	H230312-25	3'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	352
B 23 FLOOR	H230312-26	3'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
B 24 FLOOR	H230312-14	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
B 25 FLOOR	H230312-15	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
B 26 FLOOR	H230312-16	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B 27 FLOOR	H230326-10	9'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
B 28 FLOOR	H230312-27	3'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
B 29 FLOOR	H230312-17	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
B 30 FLOOR	H230312-18	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	160
B 31 FLOOR	H230312-19	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B 32 FLOOR	H230312-20	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B 33 FLOOR	H230312-21	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B 34 FLOOR	H230312-22	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B 35 FLOOR	H230312-23	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B 36 FLOOR	H230312-24	2'	01-20-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B 37 FLOOR	H230326-01	2'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B 38 FLOOR	H230326-04	4'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0

B 39 FLOOR	H230326-05	4'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	528
B 40 FLOOR	H230326-06	4'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
B 41 FLOOR	H230326-11	4'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
B 42 FLOOR	H230326-02	2'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
B 43 FLOOR	H230326-07	4'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B 44 FLOOR	H230326-08	4'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
B 45 FLOOR	H230326-08	4'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	512
B 46 FLOOR	H230326-03	2'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	480
B 47 FLOOR	H230326-12	2'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B 48 FLOOR	H230326-15	4'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
B 49 FLOOR	H230326-13	2'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	224
B 50 FLOOR	H230326-14	2'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
B 51 FLOOR	H230326-16	2'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B 52 FLOOR	H230326-17	2'	01-23-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	448
B 53 FLOOR	H230356-01	4'	1-25-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B 54 FLOOR	H230356-02	4'	1-25-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B 55 FLOOR	H230356-03	2'	1-25-23	COMP	<0.050	<b>0.055</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	272
B 56 FLOOR	H230356-04	2'	1-25-23	COMP	<0.050	<b>0.066</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B 57 FLOOR	H230356-05	2'	1-25-23	COMP	<0.050	<b>0.075</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B 58 FLOOR	H230356-06	2'	1-25-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B 59 FLOOR	H230356-07	2'	1-25-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B 60 FLOOR	H230356-08	2'	1-25-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B 61 FLOOR	H230356-09	2'	1-25-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B 62 FLOOR	H230356-10	2'	1-25-23	COMP	<0.050	<b>0.061</b>	<0.050	<0.150	<0.300	<10.0	<b>26.5</b>	<10.0	<b>26.5</b>	64.0
B 63 FLOOR	H230356-11	2'	1-25-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112.0
B 64 FLOOR	H230356*12	2'	1-25-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	512.0
B 65 FLOOR	H230380-01	2'	1-26-23	COMP	<0.050	<b>0.086</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112
B 66 FLOOR	H230380-02	2'	1-26-23	COMP	<0.050	<b>0.107</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B 67 FLOOR	H230380-03	2'	1-26-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B 68 FLOOR	H230380-04	2'	1-26-23	COMP	<0.050	<b>0.071</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B 69 FLOOR	H230380-05	2'	1-26-23	COMP	<0.050	<b>0.092</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B 70 FLOOR	H230380-06	2'	1-26-23	COMP	<0.050	<b>0.081</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
B 71 FLOOR	H230380-07	2'	1-26-23	COMP	<0.050	<b>0.116</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
B 72 FLOOR	H230380-08	2'	1-26-23	COMP	<0.050	<b>0.139</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B 73 FLOOR	H230380-09	2'	1-26-23	COMP	<0.050	<b>0.130</b>	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B 74 FLOOR	H230380-10	2'	1-26-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B 75 FLOOR	H230519-02	2'	2-6-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B 75 FLOOR	H230519-01	2'	2-6-23	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0





Wall Map  
Pine Box 17  
Mewbourne Oil Company  
Eddy County, NM



Diamondback Disposal  
Services, Inc  
P.O. Box 2491  
Hobbs, NM 88241  
575-392-9996





Floor Sample Map  
Pine Box 17  
Mewbourne Oil Company  
Eddy County, NM



Diamondback Disposal  
Services, Inc  
P.O. Box 2491  
Hobbs, NM 88241  
575-392-9996



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	NAPP2234164180
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Mewbourne Oil Company	OGRID	14744
Contact Name	Connor Walker	Contact Telephone	806-202-5281
Contact email	cwalker@mewbourne.com	Incident # (assigned by OCD)	nAPP2234164180
Contact mailing address	4801 Business Park Blvd, Hobbs, NM 88240		

Location of Release Source

Latitude 32.580491 \_\_\_\_\_ Longitude -104.503821 \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Pine Box 17 BO Fed Com #1H	Site Type	Pipeline
Date Release Discovered	11/22/2022	API# (if applicable)	30-015-40205

Unit Letter	Section	Township	Range	County
B	17	20S	25E	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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 38	Volume Recovered (bbls) 30
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 38	Volume Recovered (bbls) 30
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) 35	Volume Recovered (Mcf) 0
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)


Cause of Release  
The polished rod liner seal failed, allowing fluid onto the ground.

Incident ID	NAPP2234164180
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 release was greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given by Connor Walker to <a href="mailto:ocd.enviro@state.nm.us">ocd.enviro@state.nm.us</a> on 11/22/2022 @ 9:23AM via email.	

## 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:	
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>Connor Walker</u>	Title: <u>Sr. Engineer</u>
Signature: 	Date: <u>12/5/2022</u>
email: <u>cwalker@mewbourne.com</u>	Telephone: <u>806-202-5281</u>
<b>OCD Only</b>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>12/07/2022</u>

Incident ID	NAPP2234164180
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?	<u>&lt;50</u> (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 checked="" type="checkbox"/> Yes <input 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 <b>not</b> 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	NAPP2234164180
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: Connor Walker Title: Sr. EngineerSignature:  Date: 2/15/2023email: cwalker@mewbourne.com Telephone: 806-202-5281**OCD Only**Received by: Jocelyn Harimon Date: 02/21/2023



Incident ID	NAPP2234164180
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: Connor Walker Title: Sr. Engineer

Signature: 

Date: 2/15/2023

email: cwalker@mewbourne.com

Telephone: 806-202-5281

**OCD Only**

Received by: Jocelyn Harimon

Date: 02/21/2023

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: \_\_\_\_\_

**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 165132

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 165132
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	12/8/2022

# nAPP2234164180

**From:** jasono@diamondbacknm.com

**To:** ocd.enviro@emnrd.nm.gov <ocd.enviro@emnrd.nm.gov>

**Date:** Thu, 19 Jan 2023 15:24:53 -0700

Good Morning

Please let this serve as a 48 hour notice to complete confirmation sampling at the Mewbourne Oil Company Pine Box 17 located at 32.580491, -104.503821 nAPP2234164180. Sampling will take place at 8:00 am on Tuesday January 24, 2023. If you need further information please feel free to reach out.





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

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November 30, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 11/22/22 16:28.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, 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.  
 JUSTIN ROBERTS  
 P. O. BOX 2491  
 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 1 SURFACE (H225533-01)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>128</b>	5.00	11/24/2022	ND	2.04	102	2.00	2.54	
<b>Toluene*</b>	<b>561</b>	5.00	11/24/2022	ND	2.11	105	2.00	0.578	
<b>Ethylbenzene*</b>	<b>408</b>	5.00	11/24/2022	ND	2.15	108	2.00	2.25	
<b>Total Xylenes*</b>	<b>746</b>	15.0	11/24/2022	ND	6.62	110	6.00	1.36	
<b>Total BTX</b>	<b>1840</b>	30.0	11/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>14000</b>	16.0	11/28/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>19400</b>	100	11/24/2022	ND	206	103	200	7.09		
<b>DRO &gt;C10-C28*</b>	<b>83300</b>	100	11/24/2022	ND	191	95.4	200	9.26		
<b>EXT DRO &gt;C28-C36</b>	<b>17700</b>	100	11/24/2022	ND						

Surrogate: 1-Chlorooctane 1050 % 45.3-161

Surrogate: 1-Chlorooctadecane 1860 % 46.3-178

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

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 2 SURFACE (H225533-02)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	6.56	1.00	11/28/2022	ND	2.04	102	2.00	2.54	
Toluene*	44.7	1.00	11/28/2022	ND	2.11	105	2.00	0.578	
Ethylbenzene*	46.5	1.00	11/28/2022	ND	2.15	108	2.00	2.25	
Total Xylenes*	91.2	3.00	11/28/2022	ND	6.62	110	6.00	1.36	
Total BTX	189	6.00	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6660	16.0	11/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1420	100	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	15200	100	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	3260	100	11/24/2022	ND					

Surrogate: 1-Chlorooctane 220 % 45.3-161

Surrogate: 1-Chlorooctadecane 315 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 3 SURFACE (H225533-03)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/28/2022	ND	2.04	102	2.00	2.54		
Toluene*	0.570	0.050	11/28/2022	ND	2.11	105	2.00	0.578		
Ethylbenzene*	0.478	0.050	11/28/2022	ND	2.15	108	2.00	2.25		
Total Xylenes*	1.93	0.150	11/28/2022	ND	6.62	110	6.00	1.36		
Total BTEX	2.97	0.300	11/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	18000	16.0	11/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	140	100	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	20200	100	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	4480	100	11/24/2022	ND					

Surrogate: 1-Chlorooctane 134 % 45.3-161

Surrogate: 1-Chlorooctadecane 809 % 46.3-178

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

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 4 SURFACE (H225533-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/28/2022	ND	2.04	102	2.00	2.54		
Toluene*	0.168	0.050	11/28/2022	ND	2.11	105	2.00	0.578		
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.15	108	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.62	110	6.00	1.36		
Total BTEx	<0.300	0.300	11/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	11/28/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<50.0	50.0	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	1320	50.0	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	362	50.0	11/24/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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**Analytical Results For:**

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

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 5 SURFACE (H225533-05)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	2.04	102	2.00	2.54	
Toluene*	0.622	0.050	11/28/2022	ND	2.11	105	2.00	0.578	
Ethylbenzene*	0.283	0.050	11/28/2022	ND	2.15	108	2.00	2.25	
Total Xylenes*	0.888	0.150	11/28/2022	ND	6.62	110	6.00	1.36	
Total BTEX	1.79	0.300	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	21200	16.0	11/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	15000	100	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	3670	100	11/24/2022	ND					

Surrogate: 1-Chlorooctane 71.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 403 % 46.3-178

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

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 6 SURFACE (H225533-06)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>37.7</b>	5.00	11/28/2022	ND	1.94	96.9	2.00	3.97	QM-07
<b>Toluene*</b>	<b>215</b>	5.00	11/28/2022	ND	2.11	105	2.00	3.31	QM-07
<b>Ethylbenzene*</b>	<b>175</b>	5.00	11/28/2022	ND	2.12	106	2.00	1.12	QM-07
<b>Total Xylenes*</b>	<b>330</b>	15.0	11/28/2022	ND	6.43	107	6.00	0.418	QM-07
<b>Total BTX</b>	<b>758</b>	30.0	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>5360</b>	16.0	11/28/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>5200</b>	100	11/24/2022	ND	206	103	200	7.09		
<b>DRO &gt;C10-C28*</b>	<b>42700</b>	100	11/24/2022	ND	191	95.4	200	9.26		
<b>EXT DRO &gt;C28-C36</b>	<b>8930</b>	100	11/24/2022	ND						

Surrogate: 1-Chlorooctane 402 % 45.3-161

Surrogate: 1-Chlorooctadecane 1100 % 46.3-178

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Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 7 SURFACE (H225533-07)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.02	0.500	11/28/2022	ND	1.94	96.9	2.00	3.97	
Toluene*	12.6	0.500	11/28/2022	ND	2.11	105	2.00	3.31	
Ethylbenzene*	14.4	0.500	11/28/2022	ND	2.12	106	2.00	1.12	
Total Xylenes*	30.3	1.50	11/28/2022	ND	6.43	107	6.00	0.418	
Total BTEX	59.3	3.00	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15600	16.0	11/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1140	100	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	60000	100	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	13600	100	11/24/2022	ND					

Surrogate: 1-Chlorooctane 272 % 45.3-161

Surrogate: 1-Chlorooctadecane 1550 % 46.3-178

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 Fax To: (575) 392-9376

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 8 SURFACE (H225533-08)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	20.9	5.00	11/28/2022	ND	1.94	96.9	2.00	3.97	
Toluene*	120	5.00	11/28/2022	ND	2.11	105	2.00	3.31	
Ethylbenzene*	98.2	5.00	11/28/2022	ND	2.12	106	2.00	1.12	
Total Xylenes*	189	15.0	11/28/2022	ND	6.43	107	6.00	0.418	
Total BTEX	428	30.0	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	11/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	3580	100	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	65800	100	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	14000	100	11/24/2022	ND					

Surrogate: 1-Chlorooctane 452 % 45.3-161

Surrogate: 1-Chlorooctadecane 1540 % 46.3-178

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 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 9 SURFACE (H225533-09)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.624	0.500	11/28/2022	ND	1.94	96.9	2.00	3.97	
Toluene*	6.14	0.500	11/28/2022	ND	2.11	105	2.00	3.31	
Ethylbenzene*	7.93	0.500	11/28/2022	ND	2.12	106	2.00	1.12	
Total Xylenes*	17.6	1.50	11/28/2022	ND	6.43	107	6.00	0.418	
Total BTEX	32.3	3.00	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	11/28/2022	ND	432	108	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	571	100	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	51700	100	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	12000	100	11/24/2022	ND					

Surrogate: 1-Chlorooctane 183 % 45.3-161

Surrogate: 1-Chlorooctadecane 1320 % 46.3-178

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 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 10 SURFACE (H225533-10)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.34	0.500	11/28/2022	ND	1.94	96.9	2.00	3.97	
Toluene*	23.6	0.500	11/28/2022	ND	2.11	105	2.00	3.31	
Ethylbenzene*	36.7	0.500	11/28/2022	ND	2.12	106	2.00	1.12	
Total Xylenes*	79.1	1.50	11/28/2022	ND	6.43	107	6.00	0.418	
Total BTEx	141	3.00	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8400	16.0	11/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1070	100	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	6450	100	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	1440	100	11/24/2022	ND					

Surrogate: 1-Chlorooctane 198 % 45.3-161

Surrogate: 1-Chlorooctadecane 167 % 46.3-178

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 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 1 @ 3' (H225533-11)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	96.9	2.00	3.97		
Toluene*	<0.050	0.050	11/28/2022	ND	2.11	105	2.00	3.31		
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.12	106	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.43	107	6.00	0.418		
Total BTEx	<0.300	0.300	11/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	11/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.1 % 46.3-178

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 Fax To: (575) 392-9376

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 2 @ 9' (H225533-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	96.9	2.00	3.97		
Toluene*	<0.050	0.050	11/28/2022	ND	2.11	105	2.00	3.31		
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.12	106	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.43	107	6.00	0.418		
Total BTEx	<0.300	0.300	11/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	11/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	12.8	10.0	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.7 % 46.3-178

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

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 3 @ 1' (H225533-13)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.94	96.9	2.00	3.97	
Toluene*	<0.050	0.050	11/29/2022	ND	2.11	105	2.00	3.31	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	1.12	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.43	107	6.00	0.418	
Total BTX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	11/28/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	76.2	10.0	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 4 @ 1' (H225533-14)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	96.9	2.00	3.97		
Toluene*	<0.050	0.050	11/28/2022	ND	2.11	105	2.00	3.31		
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.12	106	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.43	107	6.00	0.418		
Total BTEx	<0.300	0.300	11/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	11/28/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/24/2022	ND	206	103	200	7.09	
DRO >C10-C28*	<10.0	10.0	11/24/2022	ND	191	95.4	200	9.26	
EXT DRO >C28-C36	<10.0	10.0	11/24/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.0 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/22/2022	Sampling Date:	11/22/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	** (See Notes)
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 5 @ 1' (H225533-15)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTX	<0.300	0.300	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	11/28/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	213	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	212	106	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

---

Celey D. Keene, Lab Director/Quality Manager

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

**BILL TO**

## ANALYSIS REQUEST

Company Name: DiamondBack Disposals										P. O. #:	
Project Manager: Justin Roberts										Company: Mewbourne	
Address: 2525 NW County RD										Attn: Conner Walker	
City: Hobbs										Address:	
Phone #: (575)-392-9996										City:	
Project #: MOC-401										State:	
Project Name: Pine Box 17										Zip:	
Project Location: Eddy County										Phone #:	
Sampler Name: Jason Owsley										Fax #:	

FOR LAB USE ONLY										
Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE			
1 SP1 Surface		1								
2 SP2 Surface		1								
3 SP3 Surface		1								
4 SP4 Surface		1								
5 SP5 Surface		1								
6 SP6 Surface		1								
7 SP7 Surface		1								
8 SP8 Surface		1								
9 SP9 Surface		1								
10 SP10 Surface		1								

DATE	TIME	CL	EXT	TPH	BTEX
11/22/22	10:30:00 AM	X	X	X	
11/22/22	10:32:00 AM	X	X	X	
11/22/22	10:34:00 AM	X	X	X	
11/22/22	10:36:00 AM	X	X	X	
11/22/22	10:38:00 AM	X	X	X	
11/22/22	10:40:00 AM	X	X	X	
11/22/22	10:42:00 AM	X	X	X	
11/22/22	10:44:00 AM	X	X	X	
11/22/22	10:46:00 AM	X	X	X	
11/22/22	10:48:00 AM	X	X	X	

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Relinquished By:	Date: 11-22-22	Received By:	Date: 11-22-22
Relinquished By:	Date:	Received By:	Date:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C	Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials)	Turnaround Time: Rush <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Thermometer ID #113 Correction Factor -0.5°C
REMARKS:				

Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
All Results are emailed. Please provide Email address: JasonO@diamondbacknm.com / yesenia@diamondbacknm.com / Justin / Connor / Jeff	





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

Project Manager: Justin Roberts

Address: 2525 NW County RD

City: Hobbs

Phone #: (575)-392-9996

Project #: MOC-401

Project Name: Pine Box 17

Project Location: Eddy County

Sampler Name: Jason Owsley

Lab I.D.

## BILL TO

P.O. #:

Company: Mewbourne

Attn: Cunner Walker

Address:

City:

State: Zip:

Phone #:

Fax #:

## ANALYSIS REQUEST

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	CL	EXT TPH	BTEX								
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE													
H225533		1	X					11/22/22	11:00 AM	X	X	X								
11	SP1 @ 3'	1	X					11/22/22	1:50 PM	X	X	X								
12	SP2 @ 9'	1	X					11/22/22	2:20 PM	X	X	X								
13	SP3 @ 1'	1	X					11/22/22	2:38 PM	X	X	X								
14	SP4 @ 1'	1	X					11/22/22	2:56 PM	X	X	X								
15	SP5 @ 1'	1	X					11/22/22		X	X	X								

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Relinquished By:

Date: 11-22-22

Received By:

Signature: [Handwritten Signature]

Verbal Result: ☐ Yes ☐ No

Standard ☒ Bacteria (only) Sample Condition

Observed Temp. °C

Thermometer ID #113

Correction Factor -0.5°C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Relinquished By:

Date: 11-22-22

Received By:

Signature: [Handwritten Signature]

Verbal Result: ☐ Yes ☐ No

Standard ☒ Bacteria (only) Sample Condition

Observed Temp. °C

Thermometer ID #113

Correction Factor -0.5°C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool ☒ Intact ☒

Yes ☒ No ☐

Checked By:

(Initials)

Turnaround Time:

Standard ☒ Bacteria (only) Sample Condition

Observed Temp. °C

Thermometer ID #113

Correction Factor -0.5°C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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



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

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November 29, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 11/23/22 13:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	11/23/2022	Sampling Date:	11/23/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: S 1 @ 6" (H225550-01)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/28/2022	ND	2.06	103	2.00	3.95		
Toluene*	<0.050	0.050	11/28/2022	ND	2.17	109	2.00	5.33		
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.19	109	2.00	5.60		
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.72	112	6.00	6.74		
Total BTX	<0.300	0.300	11/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/28/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	218	109	200	3.45	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	218	109	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/23/2022	Sampling Date:	11/23/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: S 2 @ 6" (H225550-02)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/29/2022	ND	1.90	94.9	2.00	2.24		
Toluene*	<0.050	0.050	11/29/2022	ND	2.06	103	2.00	2.59		
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	2.46		
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.52	109	6.00	1.62		
Total BTEx	<0.300	0.300	11/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/28/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	218	109	200	3.45	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	218	109	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/23/2022	Sampling Date:	11/23/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: S 3 @ 6" (H225550-03)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/29/2022	ND	1.90	94.9	2.00	2.24		
Toluene*	<0.050	0.050	11/29/2022	ND	2.06	103	2.00	2.59		
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	2.46		
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.52	109	6.00	1.62		
Total BTEx	<0.300	0.300	11/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/28/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	218	109	200	3.45	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	218	109	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/23/2022	Sampling Date:	11/23/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: S 4 @ 6" (H225550-04)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.90	94.9	2.00	2.24	
Toluene*	0.056	0.050	11/29/2022	ND	2.06	103	2.00	2.59	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.12	106	2.00	2.46	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.52	109	6.00	1.62	
Total BTEx	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/28/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	218	109	200	3.45	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	218	109	200	0.337	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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---

### Notes and Definitions

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

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

---

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

## BILL TO

## ANALYSIS REQUEST

Project Manager: Justin Roberts

P.O. #:

Address: 2525 NW County RD

Company: Mewbourne

City: Hobbs State: NM ZIP: 88240

Attn: Connor Walker

Phone #: (575)-392-9996

Address:

Project #: MOC-401

City:

Project Name: Pine Box 17

State: Zip:

Project Location: Eddy County, NM

Phone #:

Sample Name: Jason Owsley

Fax #:

FOR LAB USE ONLY

Lab I.D.

## Sample I.D.

H225550

1 S1 @ 6"  
2 S2 @ 6"  
3 S3 @ 6"  
4 S4 @ 6"

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER : ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

CL

EXT

TPH

BTEX

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Relinquished By:

Date: 11-23-22

Received By:

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

All Results are emailed. Please provide Email address: JasonO@diamondbacknm.com / yesenia@diamondbacknm.com / Justin / Connor / Jeff

Relinquished By:

Date: 11-23-22

Received By:

REMARKS:

Time: 1345

Date: 11-23-22

Received By:

Turnaround Time: ☐ Standard ☒ Rush

Bacteria (only) Sample Condition

Thermometer ID #113

Correction Factor -0.5°C

Observed Temp. °C

Corrected Temp. °C

Yes ☐ No ☐

Yes ☐ No ☐

Delivered By: (Circle One)  
Sampler - UPS - Bus - Other:

Observed Temp. °C 1.5  
Corrected Temp. °C 0.9

Sample Condition  
Cool/Intact  
Yes ☒ No ☐

CHECKED BY: (Initials)

Thermometer ID #113

Correction Factor -0.5°C

Observed Temp. °C

Corrected Temp. °C

Yes ☐ No ☐

Yes ☐ No ☐

Yes ☐ No ☐

Yes ☐ No ☐

FORM-006 R 3.2 10/07/21

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



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

November 29, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 11/23/22 13:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, 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.  
 JUSTIN ROBERTS  
 P. O. BOX 2491  
 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	11/23/2022	Sampling Date:	11/23/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 7 @ 2' (H225552-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
<b>Toluene*</b>	<b>0.068</b>	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEX	<0.300	0.300	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	11/28/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	213	106	200	3.10	
<b>DRO &gt;C10-C28*</b>	<b>62.2</b>	10.0	11/28/2022	ND	212	106	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	11/23/2022	Sampling Date:	11/23/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 8 @ 3' (H225552-02)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTEx	<0.300	0.300	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/28/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	213	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	212	106	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/23/2022	Sampling Date:	11/23/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 9 @ 3' (H225552-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849		
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361		
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817		
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650		
Total BTEx	<0.300	0.300	11/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/28/2022	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	213	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	212	106	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/23/2022	Sampling Date:	11/23/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 10 @ 1' (H225552-04)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849	
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361	
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817	
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650	
Total BTX	<0.300	0.300	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/28/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	213	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	212	106	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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

Received:	11/23/2022	Sampling Date:	11/23/2022
Reported:	11/29/2022	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-401	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: SP 6 @ 9' (H225552-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/28/2022	ND	1.94	97.1	2.00	0.849		
Toluene*	<0.050	0.050	11/28/2022	ND	2.08	104	2.00	0.361		
Ethylbenzene*	<0.050	0.050	11/28/2022	ND	2.05	103	2.00	0.817		
Total Xylenes*	<0.150	0.150	11/28/2022	ND	6.20	103	6.00	0.650		
Total BTEx	<0.300	0.300	11/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/28/2022	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/28/2022	ND	213	106	200	3.10	
DRO >C10-C28*	<10.0	10.0	11/28/2022	ND	212	106	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	11/28/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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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 "C. D. Keene", written over a horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**Company Name:** DiamondBack Disposals

**BILL TO**

## ANALYSIS REQUEST

FOR LAB USE ONLY		Lab I.D.	
	MATRIX	PRESERV.	SAMPLING

**Sample I.D.**

[illegible]

Relinquished By:

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other:

CHECKED BY:  
(Initials)

Turnaround Time:	Standard	<input checked="" type="checkbox"/> Bacteria (only)	Sample Condition
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January 23, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 01/19/23 16:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, 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.  
 JUSTIN ROBERTS  
 P. O. BOX 2491  
 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	01/19/2023	Sampling Date:	01/19/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 1 @ 1' (H230280-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2023	ND	2.08	104	2.00	2.28	
Toluene*	<0.050	0.050	01/22/2023	ND	2.28	114	2.00	2.45	
Ethylbenzene*	<0.050	0.050	01/22/2023	ND	2.19	109	2.00	2.08	
Total Xylenes*	<0.150	0.150	01/22/2023	ND	6.80	113	6.00	1.91	
Total BTX	<0.300	0.300	01/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/20/2023	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2023	ND	220	110	200	5.52	
DRO >C10-C28*	<10.0	10.0	01/20/2023	ND	228	114	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	01/20/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/19/2023	Sampling Date:	01/19/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 2 @ 1' (H230280-02)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/22/2023	ND	2.08	104	2.00	2.28		
Toluene*	<0.050	0.050	01/22/2023	ND	2.28	114	2.00	2.45		
Ethylbenzene*	<0.050	0.050	01/22/2023	ND	2.19	109	2.00	2.08		
Total Xylenes*	<0.150	0.150	01/22/2023	ND	6.80	113	6.00	1.91		
Total BTEX	<0.300	0.300	01/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	01/20/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2023	ND	220	110	200	5.52	
DRO >C10-C28*	<10.0	10.0	01/20/2023	ND	228	114	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	01/20/2023	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/19/2023	Sampling Date:	01/19/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 3 @ 1' (H230280-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/22/2023	ND	2.08	104	2.00	2.28		
Toluene*	<0.050	0.050	01/22/2023	ND	2.28	114	2.00	2.45		
Ethylbenzene*	<0.050	0.050	01/22/2023	ND	2.19	109	2.00	2.08		
Total Xylenes*	<0.150	0.150	01/22/2023	ND	6.80	113	6.00	1.91		
Total BTEx	<0.300	0.300	01/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	01/20/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2023	ND	220	110	200	5.52	
DRO >C10-C28*	<10.0	10.0	01/20/2023	ND	228	114	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	01/20/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/19/2023	Sampling Date:	01/19/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 4 @ 1' (H230280-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/22/2023	ND	2.08	104	2.00	2.28	
Toluene*	<0.050	0.050	01/22/2023	ND	2.28	114	2.00	2.45	
Ethylbenzene*	<0.050	0.050	01/22/2023	ND	2.19	109	2.00	2.08	
Total Xylenes*	<0.150	0.150	01/22/2023	ND	6.80	113	6.00	1.91	
Total BTEX	<0.300	0.300	01/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/20/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2023	ND	220	110	200	5.52	
DRO >C10-C28*	<10.0	10.0	01/20/2023	ND	228	114	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	01/20/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/19/2023	Sampling Date:	01/19/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 5 @ 1' (H230280-05)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.08	104	2.00	2.28		
Toluene*	<0.050	0.050	01/23/2023	ND	2.28	114	2.00	2.45		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.19	109	2.00	2.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.80	113	6.00	1.91		
Total BTEX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	01/20/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2023	ND	220	110	200	5.52	
DRO >C10-C28*	<10.0	10.0	01/20/2023	ND	228	114	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	01/20/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	01/19/2023	Sampling Date:	01/19/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 6 @ 1' (H230280-06)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.08	104	2.00	2.28		
Toluene*	<0.050	0.050	01/23/2023	ND	2.28	114	2.00	2.45		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.19	109	2.00	2.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.80	113	6.00	1.91		
Total BTEx	<0.300	0.300	01/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	01/20/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2023	ND	220	110	200	5.52	
DRO >C10-C28*	<10.0	10.0	01/20/2023	ND	228	114	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	01/20/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/19/2023	Sampling Date:	01/19/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 8 @ 1' (H230280-07)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.08	104	2.00	2.28		
Toluene*	<0.050	0.050	01/23/2023	ND	2.28	114	2.00	2.45		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.19	109	2.00	2.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.80	113	6.00	1.91		
Total BTX	<0.300	0.300	01/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	01/20/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2023	ND	220	110	200	5.52	
DRO >C10-C28*	<10.0	10.0	01/20/2023	ND	228	114	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	01/20/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/19/2023	Sampling Date:	01/19/2023
Reported:	01/23/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 10 @ 1' (H230280-08)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.08	104	2.00	2.28		
Toluene*	<0.050	0.050	01/23/2023	ND	2.28	114	2.00	2.45		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.19	109	2.00	2.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.80	113	6.00	1.91		
Total BTX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/20/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/20/2023	ND	220	110	200	5.52	
DRO >C10-C28*	<10.0	10.0	01/20/2023	ND	228	114	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	01/20/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.8 % 49.1-148

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

### 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

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: DiamondBack Disposals

**BILL TO**

**ANALYSIS REQUEST**

Project Manager: Justin Roberts

P.O. #: Company: Mewbourne

Address: 2525 NW County RD

Attn: Conner Walker

City: Hobbs State: NM ZIP: 88240

Address:

Phone #: (575)-392-9996

City:

Project #: MOC-409

State: Zip:

Project Name: Pine Box 17

Phone #:

Project Location: NM

Fax #:

Sampler Name: Jason Owsley

FOR LAB USE ONLY

**MATRIX**

**PRESERV.**

**SAMPLING**

Lab I.D.

Sample I.D.

1230280

B1 @ 1'

B2 @ 1'

B3 @ 1'

B4 @ 1'

B5 @ 1'

B6 @ 1'

B8 @ 1'

B10 @ 1'

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

January 24, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 01/20/23 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: W 1 @ 0-1' (H230311-01)**

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11	
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70	
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08	
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58	
Total BTX	<0.300	0.300	01/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/23/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	204	102	200	3.33	QM-07
DRO >C10-C28*	<10.0	10.0	01/23/2023	ND	198	99.0	200	7.20	QM-07
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

---

### Notes and Definitions

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

---

Cardinal Laboratories

\*=Accredited Analyte

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

---

Celey D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

## BILL TO

P.O. #:

Project Manager: Justin Roberts

Company: Mewbourne

Address: 2525 NW County RD

Attn: Conner Walker

City: Hobbs

Address:

Phone #: (575)-392-9996

City:

Project #: MOC-409

State: Zip:

Project Name: Pine Box 17

Phone #:

Project Location: NM

Fax #:

Sampler Name: Jason Owsley

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H330311

WT @ 0-1'

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

CL

EXT

TPH

BTEX

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Relinquished By:

Date: 1-20-23

Time: 1620

Received By:

Date:

Time:

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Delivered By: (Circle One)

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

CHECKED BY: (Initials)

Turnaround Time:

Standard

Bacteria (only) Sample Condition

Thermometer ID #113

Correction Factor -0.5°C

Observed Temp. °C

Corrected Temp. °C

Yes

No

Yes

No



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

January 24, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 01/20/23 16:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 7 @ 2' (H230312-01)**

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11	
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70	
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08	
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58	
Total BTX	<0.300	0.300	01/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: GM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/23/2023	ND	400	100	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/23/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 9 @ 2' (H230312-02)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11		
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58		
Total BTX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/23/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 11 @ 1' (H230312-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11		
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58		
Total BTEX	<0.300	0.300	01/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/23/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 12 @ 1' (H230312-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11		
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58		
Total BTEx	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/23/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 13 @ 1' (H230312-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11		
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58		
Total BTEx	<0.300	0.300	01/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

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	01/23/2023	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/23/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 14 @ 1' (H230312-06)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11		
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58		
Total BTEx	<0.300	0.300	01/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	204	102	200	3.33	
DRO >C10-C28*	78.1	10.0	01/23/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 15 @ 1' (H230312-07)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11		
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58		
Total BTEX	<0.300	0.300	01/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/23/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 16 @ 1' (H230312-08)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11		
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58		
Total BTX	<0.300	0.300	01/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

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	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/23/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 17 @ 1' (H230312-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11		
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58		
Total BTEx	<0.300	0.300	01/23/2023	ND						

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

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	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/23/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 18 @ 1' (H230312-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11		
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58		
Total BTEx	<0.300	0.300	01/23/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 19 @ 1' (H230312-11)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.01	101	2.00	7.11		
Toluene*	<0.050	0.050	01/23/2023	ND	2.16	108	2.00	6.70		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.07	104	2.00	6.08		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.43	107	6.00	5.58		
Total BTEx	<0.300	0.300	01/23/2023	ND						

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

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	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	204	102	200	3.33	
DRO >C10-C28*	14.9	10.0	01/24/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 20 @ 1' (H230312-12)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	204	102	200	3.33	
DRO >C10-C28*	15.5	10.0	01/24/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 21 @ 1' (H230312-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	204	102	200	3.33	
DRO >C10-C28*	35.1	10.0	01/24/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 24 @ 2' (H230312-14)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33	
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918	
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53	
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74	
Total BTEx	<0.300	0.300	01/23/2023	ND					

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

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	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 25 @ 2' (H230312-15)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	01/23/2023	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 26 @ 2' (H230312-16)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-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	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 29 @ 2' (H230312-17)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEx	<0.300	0.300	01/23/2023	ND						

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

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	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 30 @ 2' (H230312-18)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33	
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918	
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53	
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74	
Total BTEX	<0.300	0.300	01/23/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 31 @ 2' (H230312-19)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEx	<0.300	0.300	01/23/2023	ND						

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

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	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	204	102	200	3.33	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	198	99.0	200	7.20	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 32 @ 2' (H230312-20)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33	
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918	
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53	
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74	
Total BTX	<0.300	0.300	01/23/2023	ND					

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

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	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/23/2023	ND	229	114	200	1.58	
DRO >C10-C28*	<10.0	10.0	01/23/2023	ND	209	104	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	01/23/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 33 @ 2' (H230312-21)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	229	114	200	1.58	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	209	104	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 34 @ 2' (H230312-22)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	229	114	200	1.58	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	209	104	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 35 @ 2' (H230312-23)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-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	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	229	114	200	1.58	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	209	104	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 36 @ 2' (H230312-24)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33	
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918	
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53	
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74	
Total BTX	<0.300	0.300	01/23/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	229	114	200	1.58	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	209	104	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 22 @ 3' (H230312-25)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33	
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918	
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53	
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74	
Total BTX	<0.300	0.300	01/23/2023	ND					

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

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	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	229	114	200	1.58	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	209	104	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 23 @ 3' (H230312-26)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	229	114	200	1.58	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	209	104	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/20/2023	Sampling Date:	01/20/2023
Reported:	01/24/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 28 @ 3' (H230312-27)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	3.33		
Toluene*	<0.050	0.050	01/23/2023	ND	2.12	106	2.00	0.918		
Ethylbenzene*	<0.050	0.050	01/23/2023	ND	2.09	105	2.00	2.53		
Total Xylenes*	<0.150	0.150	01/23/2023	ND	6.29	105	6.00	2.74		
Total BTEX	<0.300	0.300	01/23/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	01/23/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	229	114	200	1.58	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	209	104	200	1.56	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Notes and Definitions

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

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

Caley D. Keene, Lab Director/Quality Manager

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

**Company Name:** DiamondBack Disposals

Company Name: DiamondBack Disposals								BILL TO						ANALYSIS REQUEST					
Project Manager: Justin Roberts								P.O. #:											
Address: 2525 NW County RD								Company: Mewbourne											
City: Hobbs								Attn: Conner Walker											
State: NM ZIP: 88240								Address:											
Phone #: (575) 392-9996								City:											
Project #: MOC-409								State:											
Project Location: NM								Zip:											
Sampler Name: Jason Owsley								Phone #:											
Lab I.D.								Fax #:											
Sample I.D.								(G)RAB OR (C)OMP.											
								# CONTAINERS											
B7 @ 2'								GROUNDWATER											
								WASTEWATER											
B9 @ 2'								SOIL											
								OIL											
B11 @ 1'								SLUDGE											
								OTHER :											
B12 @ 1'								ACID/BASE:											
								ICE / COOL											
B13 @ 1'								OTHER :											
								DATE											
B14 @ 1'								TIME											
								CL											
B15 @ 1'								EXT											
								TPH											
B16 @ 1'								BTX											
B17 @ 1'																			
B18 @ 1'																			
SE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the 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.																			
Inquired By: [Signature]								Date: 11-30-23						Received By: [Signature]					
Time: 11:20																			
Date: 11-30-23																			
Received By: [Signature]																			
Observed Temp. °C: 30.0																			
Corrected Temp. °C: 29.4																			
Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes No Yes No																			
CHECKED BY: [Initials]																			
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>																			
Thermometer ID #113																			
Correction Factor -0.56																			
Cool Inlet <input type="checkbox"/> Observed Temp. °C: 0.6°C																			
Yes <input type="checkbox"/> No <input type="checkbox"/>																			
Corrected Temp. °C																			





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

## BILL TO

## ANALYSIS REQUEST

Project Manager: Justin Roberts

P.O. #:

Address: 2525 NW County RD

Company: Mewbourne

City: Hobbs

State: NM ZIP: 88240

Attn: Conner Walker

Phone #: (575) 392-9996

Address:

Project #: MOC-409

City:

Project Name: Pine Box 17

State: ZIP:

Project Location: NM

Phone #:

Sampler Name: Jason Owsley

Fax #:

FOR LAB USE ONLY

Lab I.D.

## Sample I.D.

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	CL	EXT TPH	BTEX					
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE										
11	B19 @ 1'	C 1	X					1/20/23	10:00 AM	X	X						
12	B20 @ 1'	C 1	X					1/20/23	10:02 AM	X	X						
13	B21 @ 1'	C 1	X					1/20/23	10:04 AM	X	X						
14	B24 @ 2'	C 1	X					1/20/23	11:10 AM	X	X						
15	B25 @ 2'	C 1	X					1/20/23	11:12 AM	X	X						
16	B26 @ 2'	C 1	X					1/20/23	11:14 AM	X	X						
17	B29 @ 2'	C 1	X					1/20/23	11:50 AM	X	X						
18	B30 @ 2'	C 1	X					1/20/23	11:52 AM	X	X						
19	B31 @ 2'	C 1	X					1/20/23	11:54 AM	X	X						
20	B32 @ 2'	C 1	X					1/20/23	11:56 AM	X	X						

NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the 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.

Inquired By:

Date:

Time:

Received By:

Date:

Time:

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

All Results are emailed. Please provide Email address: JasonO@diamondbacknm.com / yesenial@diamondbacknm.com / Justin / Connor / Jeff

Inquired By:

Date:

Time:

Received By:

Date:

Time:

REMARKS:

Delivered By: (Circle One)

Carrier - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes ☒ No ☐

Checked By: (Initials)

Turnaround Time: Standard ☒ Rush ☐

Thermometer ID #113

Correction Factor -0.5°C

Cool Intact ☒ Observed Temp. °C

Yes ☐ No ☐

Corrected Temp. °C

Yes ☐ No ☐

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

FORM-006 R 3.2 10/07/21

Released to Imaging: 6/20/2023 10:35:19 AM

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

**Company Name:** DiamondBack Disposals

**BILL TO**

## ANALYSIS REQUEST

Project Manager: Justin Roberts	P. O. #:	
Address: 2525 NW County RD	Company: Mewbourne	
City: Hobbs	State: NM	ZIP: 88240
Phone #: (575) 392-9996	Attn: Conner Walker	
	Address:	
Project #: MOC-409	City:	
Project Name: Pine Box 17	State:	Zip:
Project Location: NM	Phone #:	
Sampler Name: Jason Owsley	Fax #:	
FOR LAB USE ONLY		
Lab I.D.	MATRIX	PRESERV.
		SAMPLING

**Sample I.D.**

12202225

[illegible]

**RELEASE NOTE:** Liability and Damages: Cardinal'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 cable 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.

Influenzaed By: [Signature]		Date: 12/20/23	Received By: [Signature]	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Time: 1:30		All Results are emailed. Please provide Email address: JasonO@diamondbacknm.com / yesenia@diamondbacknm.com / Justin / Connor / Jeff			
Influenzaed By: [Signature]		Date: 12/20/23	Received By: [Signature]	REMARKS:	
Time:					
Influenzaed By: (Circle One) Imp - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) [Signature]	Turnaround Time: Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Rush <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C
		3.0 2.4			Thermometer ID #113 Correction Factor -0.3°C -0.6°C 8.2
					<input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C





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

January 25, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 01/23/23 16:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, 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.  
 JUSTIN ROBERTS  
 P. O. BOX 2491  
 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: W3 @ 2-9' (H230325-01)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTX	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	01/24/2023	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	191	95.5	200	2.95	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	190	95.0	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: W2 @ 0-3' (H230325-02)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTX	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/24/2023	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	191	95.5	200	2.95	
DRO >C10-C28*	25.9	10.0	01/24/2023	ND	190	95.0	200	1.37	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



---

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

---

### Notes and Definitions

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

---

Cardinal Laboratories

\*=Accredited Analyte

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

---

Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: DiamondBack Disposals

**BILL TO**

**ANALYSIS REQUEST**

Project Manager: Justin Roberts

P.O. #:

Address: 2525 NW County RD

Company: Mewbourne

City: Hobbs

State: NM ZIP: 88240

Attn: Conner Walker

Phone #: (575)-392-9996

Address:

Project #: MOC-409

City:

Project Name: Pine Box 17

State:

Project Location: NM

Phone #:

Sampler Name: Jason Owsley

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

W30325

W3 @ 2-9'

W2 @ 0-3'

C

C

C

C

C

C

C

C

C

C

C

C

C

C

C

C

C

C

C

C

C

C

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

CL

EXT

TPH

BTEX

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

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

Relinquished By:

Date: 1-23-23

Received By:

Date: 1-23-23

Received By:

Date: 1-23-23

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

Remarks:

Turnaround Time: ☐ Rush ☐ Standard

Thermometer ID #113

Correction Factor -0.5°C

Observed Temp. °C

Corrected Temp. °C



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

---

January 25, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 01/23/23 16:15.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 37 @ 2' (H230326-01)**

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/24/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/24/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/24/2023	ND	6.54	109	6.00	3.20		
Total BTX	<0.300	0.300	01/24/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/24/2023	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	205	102	200	0.408	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	200	100	200	0.880	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 42 @ 2' (H230326-02)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/24/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/24/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/24/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	01/24/2023	ND	448	112	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	205	102	200	0.408	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	200	100	200	0.880	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 46 @ 2' (H230326-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/24/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/24/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/24/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	480	16.0	01/24/2023	ND	400	100	400	3.92	QR-03	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	205	102	200	0.408	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	200	100	200	0.880	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 38 @ 4' (H230326-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/24/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/24/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/24/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	205	102	200	0.408	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	200	100	200	0.880	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

DIAMONDBACK DISPOSAL SERVICE INC.  
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 Fax To: (575) 392-9376

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 39 @ 4' (H230326-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/24/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/24/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/24/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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 HOBBS NM, 88241  
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Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 40 @ 4' (H230326-06)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTEX	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 43 @ 4' (H230326-07)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 44 @ 4' (H230326-08)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 45 @ 4' (H230326-09)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/24/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/24/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/24/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/24/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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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:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 27 @ 9' (H230326-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/24/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/24/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/24/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 41 @ 4' (H230326-11)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 47 @ 2' (H230326-12)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 49 @ 2' (H230326-13)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 50 @ 2' (H230326-14)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 48 @ 4' (H230326-15)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/24/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/24/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/24/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/24/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/24/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 51 @ 2' (H230326-16)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/23/2023	Sampling Date:	01/23/2023
Reported:	01/25/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 52 @ 2' (H230326-17)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/25/2023	ND	1.99	99.4	2.00	2.09		
Toluene*	<0.050	0.050	01/25/2023	ND	2.15	108	2.00	1.56		
Ethylbenzene*	<0.050	0.050	01/25/2023	ND	2.11	105	2.00	2.58		
Total Xylenes*	<0.150	0.150	01/25/2023	ND	6.54	109	6.00	3.20		
Total BTEx	<0.300	0.300	01/25/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	01/24/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/24/2023	ND	188	94.2	200	0.745	
DRO >C10-C28*	<10.0	10.0	01/24/2023	ND	206	103	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	01/24/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

---

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

Project Manager: Justin Roberts

Address: 2525 NW County RD

City: Hobbs State: NM ZIP: 88240

Phone #: (575)-392-9996

Project #: MOC-409

Project Name: Pine Box 17

Project Location: NM

Sampler Name: Jason Owsley

Lab I.D.

Sample I.D.

BILL TO

P.O. #:

Company: Mewbourne

Attn: Conner Walker

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	CL	EXT TPH	BTEX								
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE													
1	B37 @ 2'	C 1	X					1/23/23	9:30 AM	X	X	X								
2	B42 @ 2'	C 1	X					1/23/23	9:32 AM	X	X	X								
3	B46 @ 2'	C 1	X					1/23/23	9:34 AM	X	X	X								
4	B38 @ 4'	C 1	X					1/23/23	11:00 AM	X	X	X								
5	B39 @ 4'	C 1	X					1/23/23	11:02 AM	X	X	X								
6	B40 @ 4'	C 1	X					1/23/23	11:04 AM	X	X	X								
7	B43 @ 4'	C 1	X					1/23/23	11:06 AM	X	X	X								
8	B44 @ 4'	C 1	X					1/23/23	11:08 AM	X	X	X								
9	B45 @ 4'	C 1	X					1/23/23	11:10 AM	X	X	X								
10	B27 @ 9'	C 1	X					1/23/23	11:30 AM	X	X	X								

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Uninjured By: *[Signature]* Date: 1/23/23 Received By: *[Signature]* Date: 1/23/23

Uninjured By: *[Signature]* Date: 1/23/23 Received By: *[Signature]* Date: 1/23/23

Delivered By: (Circle One)  
☒ Driver - UPS - Bus - Other:

Observed Temp. °C  
Corrected Temp. °C

Sample Condition  
Cool Intact  
☒ Yes ☐ No

CHECKED BY:  
(Initials)

Turnaround Time: ☐ Standard ☒ Bacteria (only) Sample Condition  
☐ Rush ☐ Cool Intact ☐ Observed Temp. °C

Thermometer ID #113  
Correction Factor -0.5°C  
☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No

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

All Results are emailed. Please provide Email address: JasonO@diamondbacknm.com / yesenia@diamondbacknm.com / Justin / Connor / Jeff

REMARKS:









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

January 30, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 01/25/23 15:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, 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.  
 JUSTIN ROBERTS  
 P. O. BOX 2491  
 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 53 @ 4' (H230356-01)**

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	1.99	99.4	2.00	4.19	
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77	
Total BTX	<0.300	0.300	01/27/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AC				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/26/2023	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/26/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/26/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/26/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 54 @ 4' (H230356-02)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTEx	<0.300	0.300	01/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	01/26/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 55 @ 2' (H230356-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	0.055	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTEX	<0.300	0.300	01/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	01/26/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 56 @ 2' (H230356-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	0.066	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTEX	<0.300	0.300	01/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	01/26/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 57 @ 2' (H230356-05)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	0.075	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTEx	<0.300	0.300	01/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/26/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 58 @ 2' (H230356-06)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTEx	<0.300	0.300	01/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/26/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 59 @ 2' (H230356-07)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTEx	<0.300	0.300	01/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/26/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 60 @ 2' (H230356-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	1.99	99.4	2.00	4.19		
Toluene*	<0.050	0.050	01/27/2023	ND	2.20	110	2.00	4.48		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.16	108	2.00	4.24		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.63	110	6.00	3.77		
Total BTEx	<0.300	0.300	01/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

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	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 61 @ 2' (H230356-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6		
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9		
Total BTEX	<0.300	0.300	01/27/2023	ND						

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

Chloride, SM4500Cl-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	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 62 @ 2' (H230356-10)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6	
Toluene*	0.061	0.050	01/27/2023	ND	2.18	109	2.00	11.2	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9	
Total BTEx	<0.300	0.300	01/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
<b>DRO &gt;C10-C28*</b>	<b>26.5</b>	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 63 @ 2' (H230356-11)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6		
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9		
Total BTEx	<0.300	0.300	01/27/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	01/25/2023	Sampling Date:	01/25/2023
Reported:	01/30/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 64 @ 2' (H230356-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	2.13	107	2.00	10.6		
Toluene*	<0.050	0.050	01/27/2023	ND	2.18	109	2.00	11.2		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.12	106	2.00	11.7		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.52	109	6.00	11.9		
Total BTEX	<0.300	0.300	01/27/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	192	96.1	200	8.21	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	187	93.4	200	7.51	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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

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

---

Celey D. Keene, Lab Director/Quality Manager





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

Page 16 of 16

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

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January 31, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 01/26/23 16:25.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 65 @ 2' (H230380-01)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	1.95	97.6	2.00	1.52	
<b>Toluene*</b>	<b>0.086</b>	0.050	01/27/2023	ND	2.07	103	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.05	102	2.00	1.84	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.23	104	6.00	2.96	
Total BTX	<0.300	0.300	01/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	01/27/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	212	106	200	1.09	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	213	107	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 66 @ 2' (H230380-02)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	1.95	97.6	2.00	1.52		
Toluene*	0.107	0.050	01/27/2023	ND	2.07	103	2.00	1.91		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.05	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.23	104	6.00	2.96		
Total BTEx	<0.300	0.300	01/27/2023	ND						

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

Chloride, SM4500Cl-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	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	212	106	200	1.09	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	213	107	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 67 @ 2' (H230380-03)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	1.95	97.6	2.00	1.52		
Toluene*	<0.050	0.050	01/27/2023	ND	2.07	103	2.00	1.91		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.05	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.23	104	6.00	2.96		
Total BTEx	<0.300	0.300	01/27/2023	ND						

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

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	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 68 @ 2' (H230380-04)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	1.95	97.6	2.00	1.52	
Toluene*	0.071	0.050	01/27/2023	ND	2.07	103	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.05	102	2.00	1.84	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.23	104	6.00	2.96	
Total BTEx	<0.300	0.300	01/27/2023	ND					

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

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	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 69 @ 2' (H230380-05)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/27/2023	ND	1.95	97.6	2.00	1.52		
Toluene*	0.092	0.050	01/27/2023	ND	2.07	103	2.00	1.91		
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.05	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.23	104	6.00	2.96		
Total BTEx	<0.300	0.300	01/27/2023	ND						

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

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	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 70 @ 2' (H230380-06)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	1.95	97.6	2.00	1.52	
Toluene*	0.081	0.050	01/27/2023	ND	2.07	103	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.05	102	2.00	1.84	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.23	104	6.00	2.96	
Total BTEx	<0.300	0.300	01/27/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 71 @ 2' (H230380-07)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	1.95	97.6	2.00	1.52	
Toluene*	0.116	0.050	01/27/2023	ND	2.07	103	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.05	102	2.00	1.84	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.23	104	6.00	2.96	
Total BTEx	<0.300	0.300	01/27/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 72 @ 2' (H230380-08)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/27/2023	ND	1.95	97.6	2.00	1.52	
Toluene*	0.139	0.050	01/27/2023	ND	2.07	103	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/27/2023	ND	2.05	102	2.00	1.84	
Total Xylenes*	<0.150	0.150	01/27/2023	ND	6.23	104	6.00	2.96	
Total BTEx	<0.300	0.300	01/27/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 73 @ 2' (H230380-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	1.52	
Toluene*	0.130	0.050	01/28/2023	ND	2.07	103	2.00	1.91	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.05	102	2.00	1.84	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.23	104	6.00	2.96	
Total BTEX	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	01/27/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 74 @ 2' (H230380-10)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	1.95	97.6	2.00	1.52		
Toluene*	<0.050	0.050	01/28/2023	ND	2.07	103	2.00	1.91		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.05	102	2.00	1.84		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.23	104	6.00	2.96		
Total BTEx	<0.300	0.300	01/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	<10.0	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	<10.0	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



---

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---

### Notes and Definitions

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

---

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

---

Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: DiamondBack Disposals

**BILL TO**

**ANALYSIS REQUEST**

Project Manager: Justin Roberts

P.O. #: Company: Mewbourne

Address: 2525 NW County RD

Attn: Conner Walker

City: Hobbs State: NM ZIP: 88240

Address:

Phone #: (575)-392-9996

City:

Project #: MOC-409

State: Zip:

Project Name: Pine Box 17

Phone #:

Project Location: NM

Fax #:

Sampler Name: Jason Owsley

PRESERV. SAMPLING

FOR LAB USE ONLY

Lab I.D.

**Sample I.D.**

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	CL	EXT TPH	BTEX					
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE										
B65 @ 2'	C	1						1/26/23	9:30 AM	X	X	X					
B66 @ 2'	C	1						1/26/23	9:32 AM	X	X	X					
B67 @ 2'	C	1						1/26/23	9:34 AM	X	X	X					
B68 @ 2'	C	1						1/26/23	9:36 AM	X	X	X					
B69 @ 2'	C	1						1/26/23	9:38 AM	X	X	X					
B70 @ 2'	C	1						1/26/23	9:40 AM	X	X	X					
B71 @ 2'	C	1						1/26/23	9:42 AM	X	X	X					
B72 @ 2'	C	1						1/26/23	9:44 AM	X	X	X					
B73 @ 2'	C	1						1/26/23	9:46 AM	X	X	X					
B74 @ 2'	C	1						1/26/23	9:48 AM	X	X	X					

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Relinquished By:

Date: 1-26-23

Time: 1:25

Received By:

Date: 1-26-23

Time: 1:25

Received By:

Date: 1-26-23

Time: 1:25

Received By:

Date: 1-26-23

Relinquished By:

Date: 1-26-23

Time: 1:25

Received By:

Date: 1-26-23

Time: 1:25

Received By:

Date: 1-26-23

Time: 1:25

Received By:

Date: 1-26-23

Delivered By: (Circle One)

Observed Temp. °C -0.6

Corrected Temp. °C -1.2

Sample Condition

Cool Intact

Checked By: (Initials)

Turnaround Time: Standard

Bacteria (only) Sample Condition

Thermometer ID #113

Sampler - UPS - Bus - Other:

Observed Temp. °C -0.6

Corrected Temp. °C -1.2

Sample Condition

Cool Intact

Checked By: (Initials)

Turnaround Time: Standard

Bacteria (only) Sample Condition

Thermometer ID #113

Correction Factor -0.5°C

Observed Temp. °C -0.6

Corrected Temp. °C -1.2

Sample Condition

Cool Intact

Checked By: (Initials)

Turnaround Time: Standard

Bacteria (only) Sample Condition

Thermometer ID #113



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

January 31, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 01/26/23 16:25.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: W 4 @ 0-2' (H230381-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5	
<b>Toluene*</b>	<b>0.111</b>	0.050	01/28/2023	ND	2.13	107	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1	
Total BTEX	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>176</b>	16.0	01/27/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
<b>DRO &gt;C10-C28*</b>	<b>94.2</b>	10.0	01/27/2023	ND	232	116	200	0.287	
<b>EXT DRO &gt;C28-C36</b>	<b>21.4</b>	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: W 5 @ 0-2' (H230381-02)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5		
Toluene*	0.146	0.050	01/28/2023	ND	2.13	107	2.00	11.8		
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9		
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1		
Total BTX	<0.300	0.300	01/28/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	110	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	19.8	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 69.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: W 6 @ 1-4' (H230381-03)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5	
Toluene*	0.187	0.050	01/28/2023	ND	2.13	107	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1	
Total BTEX	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	64.8	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	12.8	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	01/26/2023	Sampling Date:	01/26/2023
Reported:	01/31/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: W 7 @ 2-4' (H230381-04)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/28/2023	ND	2.06	103	2.00	13.5	
<b>Toluene*</b>	<b>0.154</b>	0.050	01/28/2023	ND	2.13	107	2.00	11.8	
Ethylbenzene*	<0.050	0.050	01/28/2023	ND	2.15	107	2.00	12.9	
Total Xylenes*	<0.150	0.150	01/28/2023	ND	6.48	108	6.00	13.1	
Total BTEX	<0.300	0.300	01/28/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	01/27/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/27/2023	ND	211	106	200	0.313	
DRO >C10-C28*	94.4	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	15.2	10.0	01/27/2023	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

Cardinal Laboratories

\*=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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\*=Accredited Analyte

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

---

Celey D. Keene, Lab Director/Quality Manager



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: DiamondBack Disposals

**BILL TO**

**ANALYSIS REQUEST**

Project Manager: Justin Roberts

P.O. #:

Address: 2525 NW County RD

Company: Mewbourne

City: Hobbs

State: NM ZIP: 88240

Attn: Conner Walker

Phone #: (575)-392-9996

Address:

Project #:

MOC-409

City:

Project Name:

Pine Box 17

State:

Zip:

Project Location:

NM

Phone #:

Sample Name:

Jason Owsley

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	CL	EXT	TPH	BTEX										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE																
1	W4 @ 0-2'	C	1	X					X	1/26/23	11:00 AM	X	X											
2	W5 @ 0-2'	C	1	X					X	1/26/23	11:02 AM	X	X											
3	W6 @ 1-4'	C	1	X					X	1/26/23	11:04 AM	X	X											
4	W7 @ 2-4'	C	1	X					X	1/26/23	11:06 AM	X	X											

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Relinquished By:

Date: 1-26-23

Received By:

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

Relinquished By:

Date: 1-25

Received By:

REMARKS:

Delivered By: (Circle One)  
Sampler - UPS - Bus - Other:

Observed Temp. °C  
Corrected Temp. °C

Sample Condition  
Cool Intact  
☒ Yes ☐ No

CHECKED BY:  
(Initials)

Turnaround Time: ☐ Rush ☐ Standard

Thermometer ID #113  
Correction Factor -0.5°C

☐ Yes ☐ No

Corrected Temp. °C





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

February 08, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 02/07/23 8:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, 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.  
 JUSTIN ROBERTS  
 P. O. BOX 2491  
 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: W 4 @ 0-2' (H230518-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2023	ND	2.11	105	2.00	1.93		
Toluene*	<0.050	0.050	02/08/2023	ND	2.11	105	2.00	2.26		
Ethylbenzene*	<0.050	0.050	02/08/2023	ND	2.08	104	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/08/2023	ND	6.28	105	6.00	2.56		
Total BTEX	<0.300	0.300	02/08/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/08/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2023	ND	197	98.6	200	0.894	
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	185	92.5	200	0.835	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: W 5 @ 0-2' (H230518-02)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2023	ND	2.11	105	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2023	ND	2.11	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	02/08/2023	ND	2.08	104	2.00	2.03	
Total Xylenes*	<0.150	0.150	02/08/2023	ND	6.28	105	6.00	2.56	
Total BTEX	<0.300	0.300	02/08/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/08/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2023	ND	197	98.6	200	0.894	
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	185	92.5	200	0.835	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: W 7 @ 2-4' (H230518-03)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2023	ND	2.11	105	2.00	1.93		
Toluene*	<0.050	0.050	02/08/2023	ND	2.11	105	2.00	2.26		
Ethylbenzene*	<0.050	0.050	02/08/2023	ND	2.08	104	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/08/2023	ND	6.28	105	6.00	2.56		
Total BTEX	<0.300	0.300	02/08/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/08/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2023	ND	197	98.6	200	0.894	
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	185	92.5	200	0.835	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

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

---

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

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Celey D. Keene, Lab Director/Quality Manager

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]





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

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February 08, 2023

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: PINE BOX 17

Enclosed are the results of analyses for samples received by the laboratory on 02/07/23 8:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, 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.  
 JUSTIN ROBERTS  
 P. O. BOX 2491  
 HOBBS NM, 88241  
 Fax To: (575) 392-9376

Received:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 76 @ 2' (H230519-01)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2023	ND	2.11	105	2.00	1.93	
Toluene*	<0.050	0.050	02/08/2023	ND	2.11	105	2.00	2.26	
Ethylbenzene*	<0.050	0.050	02/08/2023	ND	2.08	104	2.00	2.03	
Total Xylenes*	<0.150	0.150	02/08/2023	ND	6.28	105	6.00	2.56	
Total BTX	<0.300	0.300	02/08/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/08/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2023	ND	197	98.6	200	0.894	
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	185	92.5	200	0.835	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/07/2023	Sampling Date:	02/06/2023
Reported:	02/08/2023	Sampling Type:	Soil
Project Name:	PINE BOX 17	Sampling Condition:	Cool & Intact
Project Number:	MOC-409	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY COUNTY		

**Sample ID: B 75 @ 2' (H230519-02)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/08/2023	ND	2.11	105	2.00	1.93		
Toluene*	<0.050	0.050	02/08/2023	ND	2.11	105	2.00	2.26		
Ethylbenzene*	<0.050	0.050	02/08/2023	ND	2.08	104	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/08/2023	ND	6.28	105	6.00	2.56		
Total BTEX	<0.300	0.300	02/08/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/08/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/07/2023	ND	197	98.6	200	0.894	
DRO >C10-C28*	<10.0	10.0	02/07/2023	ND	185	92.5	200	0.835	
EXT DRO >C28-C36	<10.0	10.0	02/07/2023	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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---

### Notes and Definitions

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

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

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Caley D. Keene, Lab Director/Quality Manager



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

## BILL TO

## ANALYSIS REQUEST

Company Name: DiamondBack Disposals

P.O. #:

Project Manager: Justin Roberts

Company: Mewbourne

Address: 2525 NW County RD

Attn: Connor Walker

State: NM ZIP: 88240

Address:

City: Hobbs

City:

Phone #: (575)-392-9996

State:

Project #:

Zip:

Project Name:

Phone #:

Project Location:

Fax #:

Sampler Name:

MATRIX

PRESERV.

SAMPLING

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H230519

1 B76 @ 2'  
2 B75 @ 2'

(G)RAB OR (C)OMP.

# CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

CL

EXT

TPH

BTEX

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

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Relinquished By:

Date: 2-7-23

Time: 0800

Received By:

Date:

Time:

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Delivered By: (Circle One)

Sample - UPS - Bus - Other:

Observed Temp. °C

Corrected Temp. °C

Sample Condition

Cool Intact

Yes Yes

No No

CHECKED BY:

(Initials)

Turnaround Time:

Standard

Bacteria (only) Sample Condition

Thermometer ID #113

Correction Factor -0.5°C

Yes Yes

No No

**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 187594

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 187594
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2234164180 PINE BOX 17 BO FED COM #1H, thank you. This closure is approved.	6/20/2023