

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 19th, 2023 and February 6th, 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 19th, 2023 and January 26th, 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.

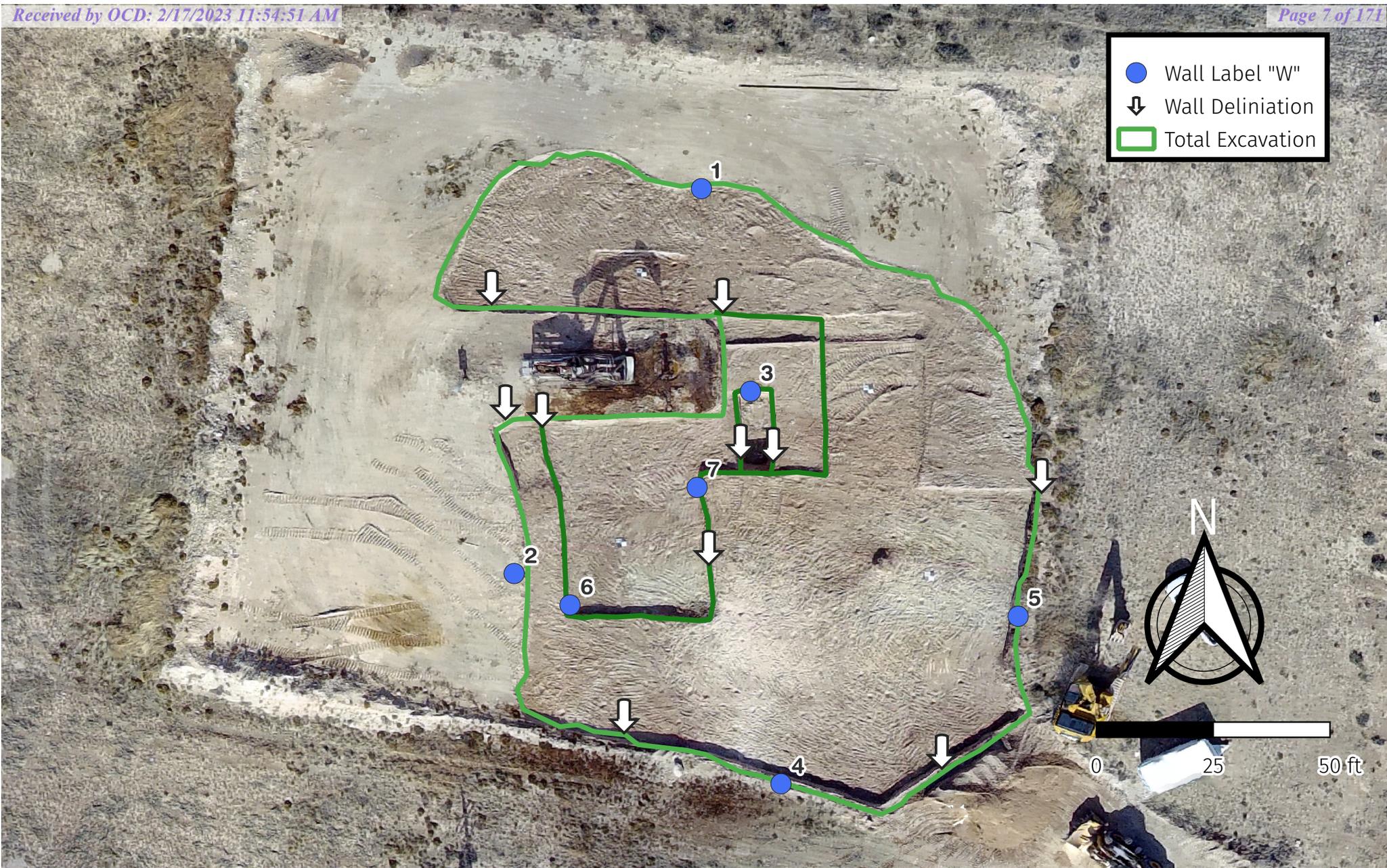
The site will be back-filled with Approximately 1380 cy of like material obtained from a local source. Back-fill will be placed in a manner that will restore the well pad back to operating condition and prevent storm water runoff.

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	0.111	<0.050	<0.150	<0.300	<10.0	94.2	21.4	115.6	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	0.146	<0.050	<0.150	<0.300	<10.0	110	19.8	129.8	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	0.186	<0.050	<0.150	<0.300	<10.0	64.8	12.8	77.6	192
W 7 WALL	H230381-04	2-4'	1-26-23	COMP	<0.050	0.154	<0.050	<0.150	<0.300	<10.0	94.4	15.2	109.6	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	78.1	78.1	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	14.9	14.9	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	15.5	15.5	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	35.1	35.1	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	0.055	<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	0.066	<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	0.075	<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	0.061	<0.050	<0.150	<0.300	<10.0	26.5	<10.0	26.5	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	0.086	<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	0.107	<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	0.071	<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	0.092	<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	0.081	<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	0.116	<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	0.139	<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	0.130	<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.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2234164180
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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 ocd.enviro@state.nm.us 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>
OCD Only Received by: <u>Jocelyn Harimon</u> Date: <u>12/07/2022</u>	

Incident ID	NAPP2234164180
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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?	<50 (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 not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-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

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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

Incident ID	NAPP2234164180
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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

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.

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, flowing "C" at the beginning.

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)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	128	5.00	11/24/2022	ND	2.04	102	2.00	2.54	
Toluene*	561	5.00	11/24/2022	ND	2.11	105	2.00	0.578	
Ethylbenzene*	408	5.00	11/24/2022	ND	2.15	108	2.00	2.25	
Total Xylenes*	746	15.0	11/24/2022	ND	6.62	110	6.00	1.36	
Total BTEX	1840	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
Chloride	14000	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*	19400	100	11/24/2022	ND	206	103	200	7.09		
DRO >C10-C28*	83300	100	11/24/2022	ND	191	95.4	200	9.26		
EXT DRO >C28-C36	17700	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)

BTEX 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 BTEX	189	6.00	11/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	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

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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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Celey D. Keene, Lab Director/Quality Manager



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 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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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 6 SURFACE (H225533-06)

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

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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
Chloride	5360	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*	5200	100	11/24/2022	ND	206	103	200	7.09		
DRO >C10-C28*	42700	100	11/24/2022	ND	191	95.4	200	9.26		
EXT DRO >C28-C36	8930	100	11/24/2022	ND						

Surrogate: 1-Chlorooctane 402 % 45.3-161

Surrogate: 1-Chlorooctadecane 1100 % 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 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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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, SM4500Cl-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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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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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, SM4500Cl-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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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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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)

BTEX 8021B		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 BTEX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.4 % 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	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

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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 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, 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	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

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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)

BTEX 8021B		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) 89.0 % 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	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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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
 Project Manager: Justin Roberts
 Address: 2525 NW County RD
 City: Hobbs State: NM ZIP: 88240
 Phone #: (575)-392-9996
 Project #: MOC-401
 Project Name: Pine Box 17
 Project Location: Eddy County
 Sampler Name: Jason Owsley
 P.O. #: _____
 Company: Mewbourne
 Attn: Conner Walker
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	CL	EXT	TPH	BTEX
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE						
H25533		1	X					11/22/22	10:30:00 AM	X	X	X	
1		1	X					11/22/22	10:32:00 AM	X	X	X	
2		1	X					11/22/22	10:34:00 AM	X	X	X	
3		1	X					11/22/22	10:36:00 AM	X	X	X	
4		1	X					11/22/22	10:38:00 AM	X	X	X	
5		1	X					11/22/22	10:40:00 AM	X	X	X	
6		1	X					11/22/22	10:42:00 AM	X	X	X	
7		1	X					11/22/22	10:44:00 AM	X	X	X	
8		1	X					11/22/22	10:46:00 AM	X	X	X	
9		1	X					11/22/22	10:48:00 AM	X	X	X	
10		1	X					11/22/22	10:48:00 AM	X	X	X	

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Relinquished By: _____ Date: 11-22-22
 Received By: _____ Date: 11/28
 Observed Temp. °C: 7.6
 Corrected Temp. °C: 7.0

Sample Condition:
 Cool Intact: Yes No
 Yes No No

Checked By: _____ (Initials)
 Verbal Result: Yes No
 All Results are emailed. Please provide Email address: JasonO@diamondbacknm.com / yessenial@diamondbacknm.com / Justin / Connor / Jeff
 Add'l Phone #: _____

Turnaround Time: Standard Rush
 Bacteria (only) Sample Condition: Observed Temp. °C
 Thermometer ID #413
 Correction Factor -0.5°C
 Corrected Temp. °C: _____



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.

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)

BTEX 8021B		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 BTEX	<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

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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 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

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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 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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

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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
 Project Manager: Justin Roberts
 Address: 2525 NW County RD
 City: Hobbs State: NM ZIP: 88240
 Phone #: (575)-392-9996
 Project #: MOC-401
 Project Name: Pine Box 17
 Project Location: Eddy County, NM
 Sampler Name: Jason Owsley
 Lab I.D.:

P.O. #: _____
 Company: Mewbourne
 Attn: Connor Walker
 Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	EXT TPH	BTEX
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:					
H225550		1	X						11/23/22	X		X	
1 S1 @ 6"		1	X						11/23/22	X		X	
2 S2 @ 6"		1	X						11/23/22	X		X	
3 S3 @ 6"		1	X						11/23/22	X		X	
4 S4 @ 6"		1	X						11/23/22	X		X	

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

Relinquished By: _____ Date: 11-23-22
 Received By: _____ Date: 11-23-22
 Time: 1345

Observed Temp. °C: 15.5
 Corrected Temp. °C: 0.9
 Sample Condition: Cool Intact Yes No
 Checked By: (Initials) J.O.

Turnaround Time: Standard Bacteria (only) Sample Condition
 Thermometer ID #113
 Correction Factor -0.5°C
 Verbal Result: Yes No
 Add'l Phone #: _____



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.

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: 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	
Toluene*	0.068	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
Chloride	144	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*	62.2	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

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:	11/23/2022	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, 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	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

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:	11/23/2022	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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* = 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 10 @ 1' (H225552-04)

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	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) 88.5 % 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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*=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: 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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	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

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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

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.

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:	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)

BTEX 8021B		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, 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

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:	01/19/2023	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, 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	01/20/2023	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

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:	01/19/2023	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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*=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 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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* = 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 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, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	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)

BTEX 8021B		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) 119 % 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	01/20/2023	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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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)

BTEX 8021B		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) 117 % 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	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

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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
 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: NIM
 Sampler Name: Jason Owsley
 P.O. #: _____
 Company: Mewbourne
 Attn: Conner Walker
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	CL	EXT TPH	BTEX
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE					
H230280	C	1	X					9:40 AM	X	X	X	
B1 @ 1'	C	1	X				1/19/23	9:42 AM	X	X	X	
B2 @ 1'	C	1	X				1/19/23	9:44 AM	X	X	X	
B3 @ 1'	C	1	X				1/19/23	9:46 AM	X	X	X	
B4 @ 1'	C	1	X				1/19/23	10:50 AM	X	X	X	
B5 @ 1'	C	1	X				1/19/23	10:52 AM	X	X	X	
B6 @ 1'	C	1	X				1/19/23	10:54 AM	X	X	X	
B8 @ 1'	C	1	X				1/19/23	10:56 AM	X	X	X	
B10 @ 1'	C	1	X									

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Relinquished By: _____
 Received By: _____
 Date: 1-19-23
 Time: 1:05
 Observed Temp. °C: 3.7
 Corrected Temp. °C: 3.1
 Sample Condition: Cool / Intact
 Checked By: (Initials) _____
 Turnaround Time: Standard Rush
 Thermometer ID #113
 Correction Factor -0.5°C
 Verbal Result: Yes No
 All Results are emailed. Please provide Email address: JasonO@diamondbacknm.com / yesenial@diamondbacknm.com / Justin / Connor / Jeff
 Add'l Phone #: _____



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.

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:	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)

BTEX 8021B		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	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

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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)

BTEX 8021B		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	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

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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 9 @ 2' (H230312-02)

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	01/23/2023	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	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

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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 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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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 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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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 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, 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 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 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 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, 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	01/23/2023	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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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 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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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 16 @ 1' (H230312-08)

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	01/23/2023	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	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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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 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, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	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, SM4500Cl-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, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	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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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, 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 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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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 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, 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	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, SM4500Cl-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:

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 32 @ 2' (H230312-20)

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

BTEX 8021B		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	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:

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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 22 @ 3' (H230312-25)

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

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



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 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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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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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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



BILL TO

ANALYSIS REQUEST

Company Name: 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.:

P.O. #: Company: Mewbourne
 Attn: Conner Walker
 Address: City: State: Zip: Phone #: Fax #:

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX										DATE	TIME	CL	EXT TPH	BTEX	
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	PRESERV.						SAMPLING
B7 @ 2'	C	1	X											1/20/23	8:30 AM	X	X	X
B9 @ 2'	C	1	X											1/20/23	8:32 AM	X	X	X
B11 @ 1'	C	1	X											1/20/23	8:34 AM	X	X	X
B12 @ 1'	C	1	X											1/20/23	8:36 AM	X	X	X
B13 @ 1'	C	1	X											1/20/23	8:38 AM	X	X	X
B14 @ 1'	C	1	X											1/20/23	8:40 AM	X	X	X
B15 @ 1'	C	1	X											1/20/23	9:50 AM	X	X	X
B16 @ 1'	C	1	X											1/20/23	9:52 AM	X	X	X
B17 @ 1'	C	1	X											1/20/23	9:54 AM	X	X	X
B18 @ 1'	C	1	X											1/20/23	9:56 AM	X	X	X

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Inquired By: [Signature]
 Date: 1/20/23
 Received By: [Signature]
 Date: 1/20/23
 Checked By: [Signature] (Initials)
 Verbal Result: Yes No
 Add'l Phone #:

Delivered By: (Circle One)
 Carrier - UPS - Bus - Other:
 Observed Temp. °C: 3.0
 Corrected Temp. °C: 3.4
 Sample Condition: Cool Intact
 Checked By: [Signature]
 Turnaround Time: Standard Rush
 Thermo ID #113
 Correction Factor: -0.06
 Bacteria (only) Sample Condition: Yes No
 Corrected Temp. °C: Yes No

FORM-006 R 3.2 1/00/7/21
 Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: DiamondBack Disposals

BILL TO

ANALYSIS REQUEST

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.:

P.O. #: _____
Company: Mewbourne
Attn: Conner Walker
Address: _____
City: _____
State: _____ Zip: _____
Phone #: _____
Fax #: _____

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	EXT TPH	BTEX
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:					
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	
110	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	
80	B32 @ 2'	C 1	X						1/20/23	11:56 AM	X	X	

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Inquired By: _____ Date: 1-20-23
Received By: _____ Date: 1-20-23
Time: 1:30
Observed Temp. °C: 8.0
Corrected Temp. °C: 8.4

Sample Condition: Cool Intact Yes No
Checked By: (Initials) _____
Thermometer ID #113
Correction Factor -0.5°C
Standard Rush Bacteria (only) Sample Condition Observed Temp. °C

FORM-006 R 3.2 10/07/21
Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com
Released by: (Circle One) _____
Add'l Phone #: _____
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. #: Company: Mewbourne
 Address: 2525 NW County RD Attn: Connor Walker
 City: Hobbs State: NM ZIP: 88240 Address:
 Phone #: (575)-392-9996 City: State: Zip:
 Project #: MOC-409
 Project Name: Pine Box 17
 Project Location: NIM Phone #:
 Sampler Name: Jason Owsley Fax #:
 Lab I.D. **Sample I.D.**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	EXT TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :					
H230312	B33 @ 2'	C	1	X						1/20/23	12:00 PM	X	X	
	B34 @ 2'	C	1	X						1/20/23	12:20 PM	X	X	
	B35 @ 2'	C	1	X						1/20/23	12:22 PM	X	X	
	B36 @ 2'	C	1	X						1/20/23	12:24 PM	X	X	
	B22 @ 3'	C	1	X						1/20/23	2:30 PM	X	X	
	B23 @ 3'	C	1	X						1/20/23	2:32 PM	X	X	
	B28 @ 3'	C	1	X						1/20/23	2:34 PM	X	X	

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Inquired By: [Signature] Date: 1/20/23 Received By: [Signature] Verbal Result: Yes No Add'l Phone #:
 Inquired By: [Signature] Date: 1/20/23 Received By: [Signature] All Results are emailed. Please provide Email address: jasono@diamondbacknm.com / yeseial@diamondbacknm.com / Justin / Connor / Jeff

Observed Temp. °C: 3.0 Corrected Temp. °C: 3.4
 Sample Condition: Cool Intact Yes No
 CHECKED BY: [Signature] (Initials) [Signature]
 Thermometer ID #113 Correction Factor: -0.02
 Standard Bacteria (only) Sample Condition
 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.

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:	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)

BTEX 8021B		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	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)

BTEX 8021B		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, 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

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene

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

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

FOR LAB USE ONLY
Lab I.D.

P.O. #: _____ Company: Mewbourne
Attn: Conner Walker
Address: _____
City: _____ State: _____ Zip: _____
Phone #: _____ Fax #: _____

Sample I.D.	W3 @ 2-9' W2 @ 0-3'	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	EXT TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:					
		C	1	X					1/23/23	11:50 AM	X	X	X	
		C	1	X					1/23/23	1:00 PM	X	X	X	

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Relinquished By: _____ Date: 1-23-23
Received By: _____ Date: 1/23/23

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

Observed Temp. °C: 3.6
Corrected Temp. °C: 3.0

Sample Condition:
Cool Intact
Yes No

CHECKED BY: (Initials) TJO

Turnaround Time: Rush Standard Bacteria (only) Sample Condition

Thermometer ID #113
Correction Factor -0.5°C

Yes No Corrected Temp. °C

Verbal Result: Yes No

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

REMARKS:

Add'l Phone #: _____

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

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.

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: B 37 @ 2' (H230326-01)

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	01/24/2023	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, 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

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

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 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, 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	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.
 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 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, 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	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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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 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, SM4500Cl-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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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, 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	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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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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	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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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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	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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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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	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, 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	01/24/2023	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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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 LCS/D recovery and/or RPD values.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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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.

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:	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)

BTEX 8021B		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, 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

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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, 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	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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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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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, 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	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, 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	01/27/2023	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



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 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, 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	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, 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 98.0 % 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:	01/25/2023	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	
DRO >C10-C28*	26.5	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, 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	01/27/2023	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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* = 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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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 Disposables

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.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	DATE	TIME	CL	EXT TPH	BTEX
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE						
H230351p													
11 B63 @ 2'	C	1		X			X	1/25/23	1:08 PM	X	X	X	
12 B64 @ 2'	C	1		X			X	1/25/23	1:10 PM	X	X	X	

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Received By: *Justin Roberts*

Date: 12/15/23

Time: 12:45

Received By: *Justin Roberts*

Date:

Time:

Verbal Result: Yes No

Add'l Phone #:

REMARKS:

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

Observed Temp. °C: 4.0

Corrected Temp. °C: 4.0

Sample Condition:
 Cool Intact
 No Yes

CHECKED BY: *[Signature]*

Turnaround Time: Standard Rush

Thermometer ID #113

Correction Factor -0.5°C

Bacteria (only) Sample Condition:
 Yes No Yes No Corrected Temp. °C



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.

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, flowing "C" at the beginning.

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)

BTEX 8021B		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*	0.086	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	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	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, 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	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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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, 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	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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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, 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	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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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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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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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, SM4500Cl-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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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, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	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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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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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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	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

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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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: Connor Walker

City: Hobbs State: NM ZIP: 88240 Address:

Phone #: (575)-392-9996 City: State: Zip:

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.

Sample I.D.	B65 @ 2'	B66 @ 2'	B67 @ 2'	B68 @ 2'	B69 @ 2'	B70 @ 2'	B71 @ 2'	B72 @ 2'	B73 @ 2'	B74 @ 2'	PRESERV.		SAMPLING		DATE	TIME	CL	EXT TPH	BTEX
											ICE / COOL	OTHER	DATE	TIME					
	C	C	C	C	C	C	C	C	C	C	X	X	1/26/23	9:30 AM	X	X	X		
	C	C	C	C	C	C	C	C	C	C	X	X	1/26/23	9:32 AM	X	X	X		
	C	C	C	C	C	C	C	C	C	C	X	X	1/26/23	9:34 AM	X	X	X		
	C	C	C	C	C	C	C	C	C	C	X	X	1/26/23	9:36 AM	X	X	X		
	C	C	C	C	C	C	C	C	C	C	X	X	1/26/23	9:38 AM	X	X	X		
	C	C	C	C	C	C	C	C	C	C	X	X	1/26/23	9:40 AM	X	X	X		
	C	C	C	C	C	C	C	C	C	C	X	X	1/26/23	9:42 AM	X	X	X		
	C	C	C	C	C	C	C	C	C	C	X	X	1/26/23	9:44 AM	X	X	X		
	C	C	C	C	C	C	C	C	C	C	X	X	1/26/23	9:46 AM	X	X	X		
	C	C	C	C	C	C	C	C	C	C	X	X	1/26/23	9:48 AM	X	X	X		

PLEASE NOTE: Labster and Damages. Cardinal Labster and clients 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 analysis.

Relinquished By: [Signature] Date: 1-26-23 Received By: [Signature] Date: 1-25-23

Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C: -0.6 Corrected Temp. °C: -1.2

Sample Condition: Cool Intact Yes No

CHECKED BY: (Initials) [Signature]

Thermometer ID #113 Correction Factor -0.5°C

Standard Bacteria (only) Sample Condition: Observed Temp. °C

Corrected Temp. °C

Remarks: Verbal Result: Yes No Add'l Phone #: All Results are emailed. Please provide Email address: JasonO@diamondbacknm.com / ysenial@diamondbacknm.com / Justin / Connor / Jeff



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.

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:	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	
Toluene*	0.111	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
Chloride	176	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*	94.2	10.0	01/27/2023	ND	232	116	200	0.287	
EXT DRO >C28-C36	21.4	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)

BTEX 8021B		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 BTEX	<0.300	0.300	01/28/2023	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	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

*=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 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	
Toluene*	0.154	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



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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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
 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
 P.O. #: _____
 Company: Mewbourne
 Attn: Conner Walker
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Sample I.D.	W4 @ 0-2'	W5 @ 0-2'	W6 @ 1-4'	W7 @ 2-4'	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	CL	EXT TPH	BTEX
							GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE							
1						1							1/26/23	11:00 AM	X	X	X	
2						1							1/26/23	11:02 AM	X	X	X	
3						1							1/26/23	11:04 AM	X	X	X	
4						1							1/26/23	11:06 AM	X	X	X	

FOR LAB USE ONLY

Lab I.D. **1830381**

Observed Temp. °C **-0.6**
 Corrected Temp. °C **-1.2**

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

Reinquinshed By: _____
 Date: **1/25**

Received By: _____
 Date: _____

Sample Condition
 Cool Intact Yes No
 Sample Intact Yes No

Checked By: _____
 (Initials) **vis**

Turnaround Time: Standard Rush
 Thermometer ID #113
 Correction Factor -0.5°C

Verbal Result: Yes No
 All Results are emailed. Please provide Email address: JasonO@diamondbacknm.com / yesenia@diamondbacknm.com / Justin / Connor / Jeff

REMARKS:

Add'l Phone #: _____



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.

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:	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

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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

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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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
 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: NIM
 Sampler Name: Jason Owsley
 P.O. #: _____ Company: Mewbourne
 Attn: Connor Walker
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	CL	EXT	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE								
H230578	1	W4 @ 0-2'	1	X						2/6/23	10:30 AM	X	X	X		
	2	W5 @ 0-2'	1	X						2/6/23	10:32 AM	X	X	X		
	3	W7 @ 2-4'	1	X						2/6/23	12:00 PM	X	X	X		

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Inquished By: _____ Date: 2-12-23
 Received By: _____
 Verbal Result: Yes No
 Add'l Phone #: _____
 All Results are emailed. Please provide Email address: JasonC@diamondbacknm.com / yvesenia@diamondbacknm.com / Justin / Connor / Jeff

Observed Temp. °C: -2.1
 Corrected Temp. °C: -2.7
 Sample Condition: Cool Intact
 Checked By: (Initials) JVO
 Turnaround Time: Standard Bacteria (only) Sample Condition
 Thermometer ID #113
 Correction Factor -0.5°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.

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:	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)

BTEX 8021B		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	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

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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:	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



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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

ANALYSIS REQUEST

Company Name: 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-409

State:

Project Name: Pine Box 17

Zip:

Project Location: NM

Phone #:

Sampler Name: Jason Owsley

Fax #:

Lab I.D.

MATRIX

PRESERV.

SAMPLING

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

2/6/23

12:10 PM

CL

X

EXT

TPH

X

BTEX

X

12:12 PM

X

X

X

FORM-006 R.3.2 10/07/21

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

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FOR LAB USE ONLY

Relinquished By: *[Signature]* Date: 2-7-23 Time: 0800

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

Observed Temp. °C: -2.1 Corrected Temp. °C: -2.7

Sample Condition: Cool Intact No No

Checked By: *[Signature]* (Initials) *[Signature]*

Turnaround Time: Standard Bacteria (only) Sample Condition

Thermometer ID #113 Correction Factor -0.5°C

Verbal Result: Yes No

Remarks: _____

Add'l Phone #: _____

Delivered By: (Circle One) UPS Bus Other

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