

Incident ID	NAPP2202640097
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release?	<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 <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 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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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Connor Walker Title: Sr. Engineer

Signature:  Date: 7/8/2022

email: cwalker@mewbourne.com Telephone: 806-202-5281

**OCD Only**

Received by: Jocelyn Harimon Date: 11/03/2022

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## 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: 7/8/2022

email: cwalker@mewbourne.com Telephone: 806-202-5281

**OCD Only**

Received by: Jocelyn Harimon Date: 11/03/2022

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: 11/03/2022

Printed Name: Jocelyn Harimon Title: Environmental Specialist



**MEWBOURNE**  
**OIL COMPANY**

Forty Niner Ridge Unit Frac Line

NAPP2202640097

Final Remediation Report



2525 NW County Rd

Hobbs, NM 88240

[\(575\) 392-9996](tel:(575)392-9996)

## Introduction

This report represents the results of remediation activities at the Forty Niner Ridge Unit Frac Line. On behalf of Mewbourne Oil Company (Mewbourne), Diamondback Disposal Services, Inc. (Diamondback) was tasked with the cleanup and remediation of release NAPP2202640097. The release occurred in Unit Letter O, Section 16, Township 23S, Range 30E at coordinates 32.2997, -103.8813. 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. This release was originally reported by Enterprise Field Services (EFS), Incident Ref. #nAPP2134156373 on 12/7/2021. NMOCD requested Mewbourne resubmit C-141 under Mewbourne OGRID.

## Overview

The spill site was located along a pipeline in the right of way located on State land and the affected area consisted of grass, prairie, and range lands. A lay-flat pipeline supplying water to a frac was pinched by heavy equipment driving over an airbridge. This caused the line to fail due to an increase in pressure. Approximately 1300 barrels of produce water was lost with 210 barrels recovered. All figures were calculated based on normal flow rates provided by transfer company.

## Regulatory Guidelines

Upon review of the site characteristics and a search of a groundwater database maintained by The New Mexico Office of the Stater Engineer (NMOSE) a survey was conducted to determine the average depth to groundwater within a one (1) mile radius of the release site and identify any registered water wells within a ½ mile radius of the release site. Point of Diversion C 04018 POD1 was identified and found to have a depth of 179ft to groundwater. 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 March 4th, 2022 and March 18, 2022 Diamondback excavated approximately 3660 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 8-feet BGS. Between the dates of March 4th, 2022 and March 29<sup>th</sup>, 2022 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 wall samples proved to be below table 1 RRAL's for site closure. At locations where floor soil sample results exceeded allowed levels of Chloride and/or exceeded allowed GRO+DRO+MRO, these areas were over excavated and resampled. Being that Table 1 Closure Criteria for groundwater 50' BGS, all restoration and reclamation limits have been met.

On June 20th, 2022, backfilling began and ran through June 23rd, 2022. Approximately 3520 cy of material was obtained from a local source. Backfill was placed in a manner that will promote compaction, prevent storm water run-off and erosion and allow for vegetation to grow. The affected area will be reseeded during an optimal time conducive to growth, with an approved state seed mix.

### **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 Forty Niner Ridge Unit Frac Line NAPP2202640097.

TABLE 1  
MEWBORNE OIL COMPANY  
PAVO FRIO 29/30 B3CD FEDERAL COM 1H

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	H220671-01	0-2'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-2 WALL	H220671-02	0-2'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-3 WALL	H220671-03	0-4'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
W-4 WALL	H220671-04	0-3'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-5 WALL	H220671-05	0-3'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
W-6 WALL	H220708-08	0-6'	02-23-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-7 WALL	H220752-17	0-4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-8 WALL	H220752-12	0-4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-9 WALL	H220752-13	0-4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
W-10 WALL	H220752-14	0-4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-11 WALL	H220752-15	0-4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-12 WALL	H220752-16	0-4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-13 WALL	H220873-01	0-4'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-14 WALL	H220873-02	0-4'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-15 WALL	H220873-03	0-4'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-16 WALL	H220873-04	0-4'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-17 WALL	H220873-05	0-4'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
W-18 WALL	H220873-06	0-1'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-19 WALL	H220896-19	0-4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-20 WALL	H220873-07	0-2'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
W-21 WALL	H220873-08	0-2'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-22 WALL	H220873-09	0-4'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-23 WALL	DOES NOT EXIST													
W-24 WALL	H220873-10	0-4'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	176
W-25 WALL	H221009-01	0-4'	03/14/22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-26 WALL	H220921-08	0-4'	03-08-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
W-27 WALL	H220921-09	0-4'	03-08-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
W-28 WALL	H220873-12	0-4'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-29 WALL	H220873-13	0-2'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
W-30 WALL	H220873-14	0-1'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-31 WALL	H220873-15	0-1'	03-04-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-32 WALL	H221009-02	0-4'	03-14-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-33 WALL	H221009-03	0-4'	03-14-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-34 WALL	H221009-04	0-4'	03-14-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-35 WALL	H221009-05	0-4'	03-14-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-36 WALL	H221009-06	0-4'	03-14-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-37 WALL	H221009-07	0-4'	03-14-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-38 WALL	H221009-08	0-4'	03-14-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-39 WALL	H221009-09	0-8'	03-14-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
W-40 WALL	H221009-10	0-8'	03-14-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
W-41 WALL	H2210031-07	0-8'	03-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0

TABLE 1  
MEWBOURNE OIL COMPANY  
PAVO FRIO 29/30 B3CD FEDERAL COM 1H

W-42 WALL	H2210031-08	0-8'	03-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
W-43 WALL	H2210031-09	0-8'	03-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0



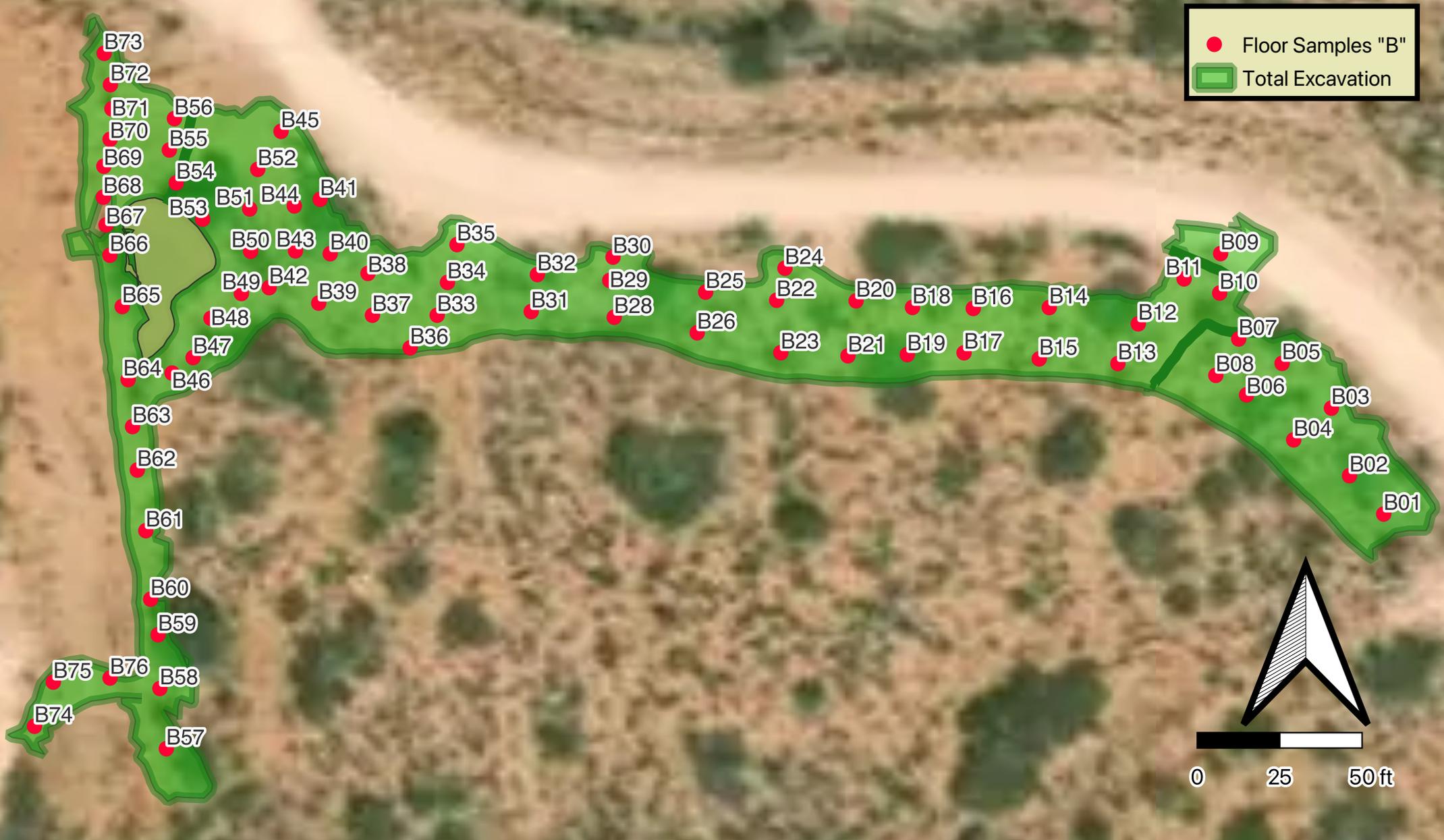
B- 56 FLOOR	H220921-07	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	320
B- 57 FLOOR	H220896-18	1'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 58 FLOOR	H221009-11	6'	03-14-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 59 FLOOR	H220980-08	4'	3-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
B- 60 FLOOR	H221252-01	4'	03-29-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 61 FLOOR	H220980-01	4'	3-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 62 FLOOR	H220980-02	4'	3-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 63 FLOOR	H220980-03	4'	3-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 64 FLOOR	H220896-20	2'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
B- 64 FLOOR	H220980-04	4'	03-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
B- 65 FLOOR	H220896-21	2'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<16.0
B- 68 FLOOR	H221031-01	8'	03-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 69 FLOOR	H2210031-02	8'	03-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 70 FLOOR	H2210031-03	8'	03-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 71 FLOOR	H221031-04	8'	03-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B- 72 FLOOR	H221031-05	8'	03-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 73 FLOOR	H221031-06	8'	03-15-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
B- 74 FLOOR	H220921-10	4'	03-08-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 75 FLOOR	H220921-11	4'	03-08-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
B- 76 FLOOR	H220921-12	4'	03-08-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0



Wall Deliniation Map  
 NAPP2202640097  
 Mewbourne Oil Co.  
 Eddy County, New Mexico



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



Floor Sample Maps  
 NAPP2202640097  
 Mewbourne Oil Co.  
 Eddy County, New Mexico



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	nAPP2202640097
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)	nAPP2202640097
Contact mailing address	4801 Business Park Blvd, Hobbs, NM 88240		

### Location of Release Source

Latitude 32.2997 \_\_\_\_\_ Longitude -103.8813 \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	FNR Frac Line	Site Type	Pipeline
Date Release Discovered	12/7/2021	API# (if applicable)	

Unit Letter	Section	Township	Range	County
P	16	23S	30E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 1300	Volume Recovered (bbls) 210
	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 type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

#### Cause of Release

A lay-flat pipeline supplying water to a frac was pinched by heavy equipment driving over an airbridge, causing the line to fail due to an increase in pressure. This release was originally reported by Enterprise Field Services (EFS), Incident Ref. #nAPP2134156373 on 12/7/2021. NMOCD requested Mewbourne resubmit C-141 under our OGRID.

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2202640097
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release was greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given by Robert Dunaway, of Enterprise to <a href="mailto:ocd.enviro@state.nm.us">ocd.enviro@state.nm.us</a> on 12/7/2021 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>1/18/2021</u>
email: <u>cwalker@mewbourne.com</u> Telephone: <u>806-202-5281</u>
<b>OCD Only</b> Received by: <u>Ramona Marcus</u> Date: <u>02/04/2022</u>

**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 75376

**CONDITIONS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 75376
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rmarcus	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141	2/4/2022

Napp2202640097

From: Justin Roberts (diamondback2491@yahoo.com)

To: emnrd-ocd-district2spills@state.nm.us

Date: Thursday, April 21, 2022, 06:56 AM MDT

All

Let this be the mandatory 48 hr notice of intent to sample. On behalf of Mewbourne Oil Company, Diamondback will be conducting confirmation sampling at the Forty Niner Frac Line (NAPP2202640097) on April 25, 2022 at 0800 hrs. The site is located at 32.30215, -103.88488. If you have any questions please feel free to reach out.

Have a Good Day!

Justin Roberts

Diamondback Disposal Services, Inc.

575-392-9996 - Office

575-631-9586 - Cell



# New Mexico Office of the State Engineer

## Point of Diversion Summary

<b>Well Tag</b>	<b>POD Number</b>	(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)				
		(quarters are smallest to largest)	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tws</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
NA	C 04018 POD1	2	2	1	21	23S	30E	604664	3573868	

<b>Driller License:</b> 1737	<b>Driller Company:</b> SHADE TREE DRILLING	
<b>Driller Name:</b> JUSTIN MULLINS		
<b>Drill Start Date:</b> 03/24/2017	<b>Drill Finish Date:</b> 03/28/2017	<b>Plug Date:</b>
<b>Log File Date:</b> 09/11/2017	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 65 GPM
<b>Casing Size:</b> 8.00	<b>Depth Well:</b> 380 feet	<b>Depth Water:</b> 179 feet

Water Bearing Stratifications:	Top	Bottom	Description
	170	180	Other/Unknown
	190	223	Sandstone/Gravel/Conglomerate

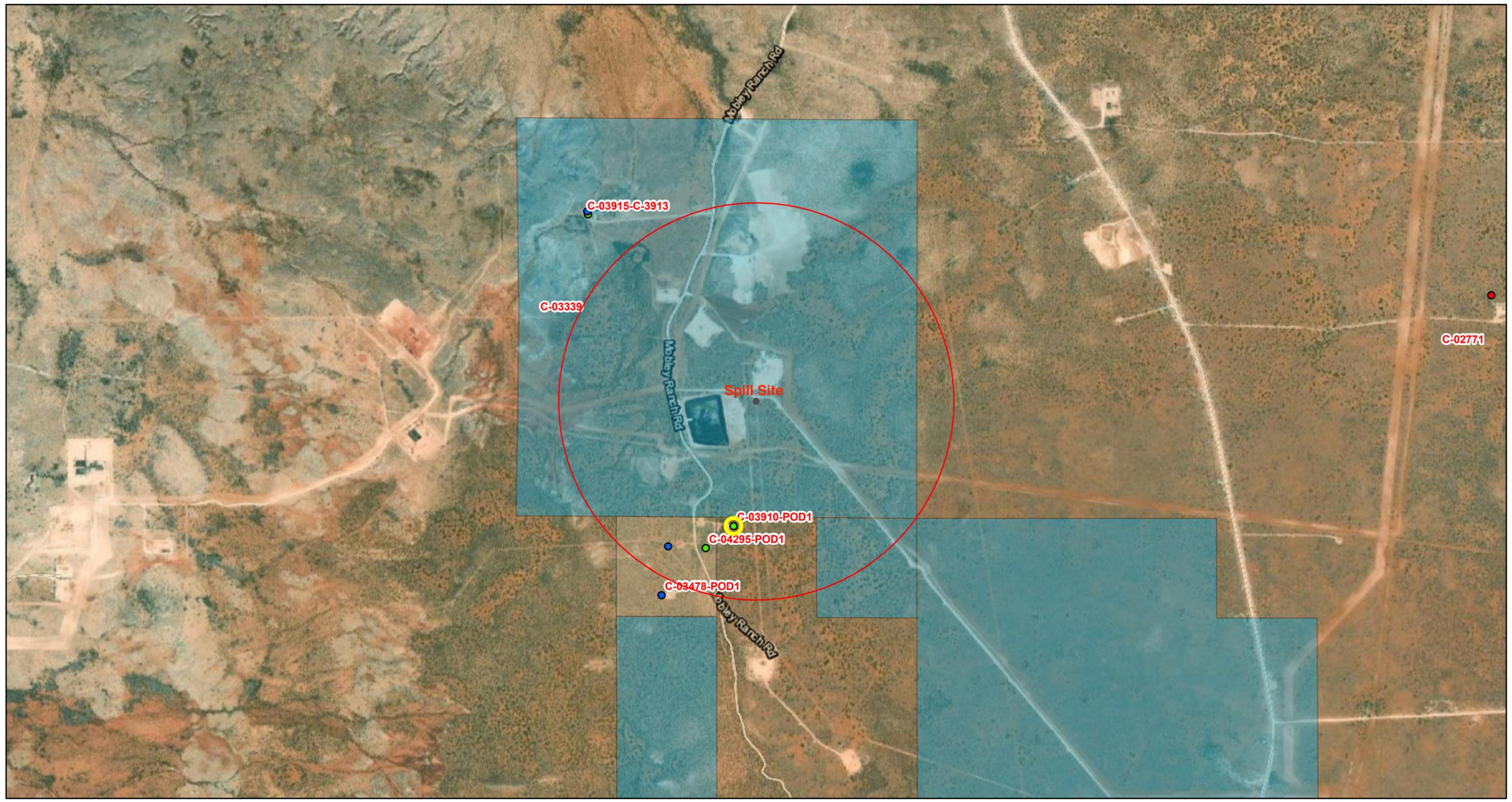
Casing Perforations:	Top	Bottom
	120	140
	180	200
	220	240
	260	360

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/27/22 7:15 AM

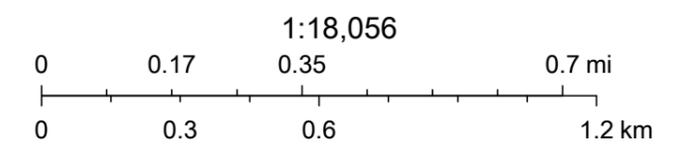
POINT OF DIVERSION SUMMARY

# OSE POD Locations Map



6/27/2022, 10:55:08 AM

- GIS WATERS PODs
- OSE District Boundary
  - Site Boundaries
  - Active
  - Pending
  - Plugged
  - New Mexico State Trust Lands
  - Subsurface Estate
  - Both Estates



Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar







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

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February 28, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/21/22 16:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	02/21/2022	Sampling Date:	02/21/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 1 BGS 0-2' (H220671-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2022	ND	2.02	101	2.00	5.81	
Toluene*	<0.050	0.050	02/26/2022	ND	1.99	99.5	2.00	5.13	
Ethylbenzene*	<0.050	0.050	02/26/2022	ND	1.98	99.1	2.00	5.55	
Total Xylenes*	<0.150	0.150	02/26/2022	ND	6.14	102	6.00	4.83	
Total BTEX	<0.300	0.300	02/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/24/2022	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	02/24/2022	ND	217	109	200	0.886	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	215	107	200	0.0126	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/21/2022	Sampling Date:	02/21/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 2 0-2' (H220671-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2022	ND	2.02	101	2.00	5.81	
Toluene*	<0.050	0.050	02/26/2022	ND	1.99	99.5	2.00	5.13	
Ethylbenzene*	<0.050	0.050	02/26/2022	ND	1.98	99.1	2.00	5.55	
Total Xylenes*	<0.150	0.150	02/26/2022	ND	6.14	102	6.00	4.83	
Total BTEX	<0.300	0.300	02/26/2022	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	<16.0	16.0	02/24/2022	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	02/24/2022	ND	217	109	200	0.886	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	215	107	200	0.0126	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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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:	02/21/2022	Sampling Date:	02/21/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 3 0-4' (H220671-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2022	ND	2.02	101	2.00	5.81	
Toluene*	<0.050	0.050	02/26/2022	ND	1.99	99.5	2.00	5.13	
Ethylbenzene*	<0.050	0.050	02/26/2022	ND	1.98	99.1	2.00	5.55	
Total Xylenes*	<0.150	0.150	02/26/2022	ND	6.14	102	6.00	4.83	
Total BTEX	<0.300	0.300	02/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	02/24/2022	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	02/24/2022	ND	217	109	200	0.886	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	215	107	200	0.0126	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 95.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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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:	02/21/2022	Sampling Date:	02/21/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 4 0-3' (H220671-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2022	ND	2.02	101	2.00	5.81	
Toluene*	<0.050	0.050	02/26/2022	ND	1.99	99.5	2.00	5.13	
Ethylbenzene*	<0.050	0.050	02/26/2022	ND	1.98	99.1	2.00	5.55	
Total Xylenes*	<0.150	0.150	02/26/2022	ND	6.14	102	6.00	4.83	
Total BTEX	<0.300	0.300	02/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	02/24/2022	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	02/24/2022	ND	217	109	200	0.886	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	215	107	200	0.0126	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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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:	02/21/2022	Sampling Date:	02/21/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 5 0-3' (H220671-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2022	ND	2.02	101	2.00	5.81	
Toluene*	<0.050	0.050	02/26/2022	ND	1.99	99.5	2.00	5.13	
Ethylbenzene*	<0.050	0.050	02/26/2022	ND	1.98	99.1	2.00	5.55	
Total Xylenes*	<0.150	0.150	02/26/2022	ND	6.14	102	6.00	4.83	
Total BTEX	<0.300	0.300	02/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	02/24/2022	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	02/24/2022	ND	217	109	200	0.886	
DRO >C10-C28*	<10.0	10.0	02/24/2022	ND	215	107	200	0.0126	
EXT DRO >C28-C36	<10.0	10.0	02/24/2022	ND					

Surrogate: 1-Chlorooctane 93.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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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





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

---

February 28, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/23/22 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	02/23/2022	Sampling Date:	02/23/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: B 9 @ 2' (H220708-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.11	105	2.00	2.05	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	103	2.00	2.34	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.00	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.24	104	6.00	1.75	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/25/2022	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	02/25/2022	ND	218	109	200	21.1	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	207	104	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.4 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/23/2022	Sampling Date:	02/23/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: B 10 @ 6' (H220708-02)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.11	105	2.00	2.05		
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	103	2.00	2.34		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.00	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.24	104	6.00	1.75		
Total BTEX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	02/25/2022	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	02/25/2022	ND	218	109	200	21.1		
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	207	104	200	5.17		
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND						

Surrogate: 1-Chlorooctane 79.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/23/2022	Sampling Date:	02/23/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: B 11 @ 6' (H220708-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.11	105	2.00	2.05	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	103	2.00	2.34	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.00	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.24	104	6.00	1.75	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	32.0	16.0	02/25/2022	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	02/25/2022	ND	218	109	200	21.1	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	207	104	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/23/2022	Sampling Date:	02/23/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: B 12 @ 6' (H220708-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.11	105	2.00	2.05	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	103	2.00	2.34	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.00	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.24	104	6.00	1.75	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	16.0	16.0	02/25/2022	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	02/25/2022	ND	218	109	200	21.1	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	207	104	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/23/2022	Sampling Date:	02/23/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: B 13 @ 6' (H220708-05)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.11	105	2.00	2.05		
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	103	2.00	2.34		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.00	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.24	104	6.00	1.75		
Total BTEX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	02/25/2022	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	02/25/2022	ND	218	109	200	21.1		
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	207	104	200	5.17		
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND						

Surrogate: 1-Chlorooctane 82.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/23/2022	Sampling Date:	02/23/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: B 14 @ 6' (H220708-06)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/25/2022	ND	2.11	105	2.00	2.05		
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	103	2.00	2.34		
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.00	100	2.00	2.05		
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.24	104	6.00	1.75		
Total BTEX	<0.300	0.300	02/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	02/25/2022	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	02/25/2022	ND	218	109	200	21.1		
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	207	104	200	5.17		
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND						

Surrogate: 1-Chlorooctane 80.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/23/2022	Sampling Date:	02/23/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: B 15 @ 6' (H220708-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.11	105	2.00	2.05	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	103	2.00	2.34	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.00	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.24	104	6.00	1.75	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	16.0	16.0	02/25/2022	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	02/25/2022	ND	218	109	200	21.1	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	207	104	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 75.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/23/2022	Sampling Date:	02/23/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: W 6 BGS 0-6' (H220708-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.11	105	2.00	2.05	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	103	2.00	2.34	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.00	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.24	104	6.00	1.75	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	16.0	16.0	02/25/2022	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	02/25/2022	ND	218	109	200	21.1	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	207	104	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/23/2022	Sampling Date:	02/23/2022
Reported:	02/28/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

**Sample ID: W 7 BGS 0-6' (H220708-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2022	ND	2.11	105	2.00	2.05	
Toluene*	<0.050	0.050	02/25/2022	ND	2.07	103	2.00	2.34	
Ethylbenzene*	<0.050	0.050	02/25/2022	ND	2.00	100	2.00	2.05	
Total Xylenes*	<0.150	0.150	02/25/2022	ND	6.24	104	6.00	1.75	
Total BTEX	<0.300	0.300	02/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	02/25/2022	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	02/25/2022	ND	218	109	200	21.1	
DRO >C10-C28*	<10.0	10.0	02/25/2022	ND	207	104	200	5.17	
EXT DRO >C28-C36	<10.0	10.0	02/25/2022	ND					

Surrogate: 1-Chlorooctane 76.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.2 % 59.5-142

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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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March 01, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/25/22 16:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 16 @ 4' (H220752-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	1.94	96.8	2.00	3.50	
Toluene*	<0.050	0.050	02/28/2022	ND	1.96	98.2	2.00	4.43	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	1.90	94.9	2.00	5.06	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	5.87	97.8	6.00	5.73	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

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	03/01/2022	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	02/28/2022	ND	212	106	200	3.25	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	209	104	200	4.08	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 17 @ 4' (H220752-02)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2022	ND	1.94	96.8	2.00	3.50		
Toluene*	<0.050	0.050	02/28/2022	ND	1.96	98.2	2.00	4.43		
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	1.90	94.9	2.00	5.06		
Total Xylenes*	<0.150	0.150	02/28/2022	ND	5.87	97.8	6.00	5.73		
Total BTEX	<0.300	0.300	02/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	03/01/2022	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	02/28/2022	ND	212	106	200	3.25		
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	209	104	200	4.08		
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND						

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 18 @ 4' (H220752-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2022	ND	1.94	96.8	2.00	3.50		
Toluene*	<0.050	0.050	02/28/2022	ND	1.96	98.2	2.00	4.43		
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	1.90	94.9	2.00	5.06		
Total Xylenes*	<0.150	0.150	02/28/2022	ND	5.87	97.8	6.00	5.73		
Total BTEX	<0.300	0.300	02/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	03/01/2022	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	02/28/2022	ND	223	111	200	4.69		
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58		
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND						

Surrogate: 1-Chlorooctane 98.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 19 @ 4' (H220752-04)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/01/2022	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	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 20 @ 4' (H220752-05)**

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97		
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41		
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65		
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50		
Total BTEX	<0.300	0.300	02/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/01/2022	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	02/28/2022	ND	223	111	200	4.69		
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58		
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND						

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 21 @ 4' (H220752-06)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 100 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 22 @ 4' (H220752-07)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.3 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 23 @ 4' (H220752-08)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.0 % 59.5-142

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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 24 @ 4' (H220752-09)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 97.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 99.5 % 59.5-142

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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 25 @ 4' (H220752-10)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 99.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 26 @ 4' (H220752-11)**

BTEX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97		
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41		
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65		
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50		
Total BTEX	<0.300	0.300	02/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	03/01/2022	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69		
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58		
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND						

Surrogate: 1-Chlorooctane 97.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 8 BGS 0-4' (H220752-12)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 124 % 59.5-142

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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 9 BGS 0-4' (H220752-13)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 10 BGS 0-4' (H220752-14)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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**Analytical Results For:**

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

Received:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 11 BGS 0-4' (H220752-15)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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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:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 12 BGS 0-4' (H220752-16)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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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:	02/25/2022	Sampling Date:	02/25/2022
Reported:	03/01/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 7 BGS 0-4' (H220752-17)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2022	ND	2.06	103	2.00	2.97	
Toluene*	<0.050	0.050	02/28/2022	ND	2.02	101	2.00	3.41	
Ethylbenzene*	<0.050	0.050	02/28/2022	ND	2.03	101	2.00	2.65	
Total Xylenes*	<0.150	0.150	02/28/2022	ND	6.27	104	6.00	2.50	
Total BTEX	<0.300	0.300	02/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/01/2022	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/28/2022	ND	223	111	200	4.69	
DRO >C10-C28*	<10.0	10.0	02/28/2022	ND	208	104	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	02/28/2022	ND					

Surrogate: 1-Chlorooctane 118 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

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

Company Name: <u>Diamond Buckle</u> Project Manager: <u>Justin R</u>		P.O. #: _____ Company: <u>Newbourn</u> Attn: <u>Robbie</u> Address: _____ City: _____ State: <u>NM</u> Zip: <u>88240</u> Project #: _____ Project Owner: _____ Project Location: <u>Forty nine Enterprise Reland</u>	
Address: _____ City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u> Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Location: <u>Forty nine Enterprise Reland</u>		Phone #: _____ Project #: _____ Project Location: <u>Forty nine Enterprise Reland</u>	
Project Name: _____ Project Location: <u>Forty nine Enterprise Reland</u>		State: _____ Zip: _____ City: _____ State: _____ Zip: _____	
Sampler Name: <u>Joe Cassada</u> FOR LAB USE ONLY		Phone #: _____ Fax #: _____	

Lab I.D.	Sample I.D.	MATRIX		PRESERV		DATE	TIME	ANALYSIS REQUEST											
		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER			SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :					
<u>H220752</u>	1 B14 04'	C	1																
	2 B17 04'	C	1																
	3 B18 04'	C	1																
	4 B19 04'	C	1																
	5 B20 04'	C	1																
	6 B21 04'	C	1																
	7 B22 04'	C	1																
	8 B23 04'	C	1																
	9 B24 04'	C	1																
	10 B25 04'	C	1																

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Relinquished By: Joe Cassada Date: 8-25 Received By: Justin K. Jue Date: 8-25

Delivered By: (Circle One) Observed Temp. °C 3.9 Sample Condition Cool Intact  Yes  No  
 Corrected Temp. °C 3.4 Checked BY: (Initials) JK

Turnaround Time: \_\_\_\_\_ Standard  Add'l Phone #: \_\_\_\_\_  
 Thermometer ID #113 Rush Bacteria (only) Sample Condition Cool Intact  Yes  No  
 Correction Factor -0.5°C  Yes  No Corrected Temp. °C \_\_\_\_\_

REMARKS: Justin K. Jue, Robbie

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



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

<b>Company Name:</b> <i>Diamond Rustle</i> <b>Project Manager:</b> <i>Justin R.</i>		<b>P.O. #:</b> <b>Company:</b> <i>Martinez</i> <b>Attn:</b> <i>Robbie</i>	
<b>Address:</b> <b>City:</b> <i>Hobbs</i> <b>State:</b> <i>NM</i> <b>Zip:</b> <i>88240</i>		<b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b>	
<b>Phone #:</b> <b>Fax #:</b> <b>Project #:</b> <b>Project Owner:</b>		<b>Phone #:</b> <b>Zip:</b>	
<b>Project Location:</b> <i>East to river Enterprise Road</i>			
<b>Sampler Name:</b> <i>Don Chassler</i>		<b>Phone #:</b>	
<b>FOR LAB USE ONLY</b>			
<b>Lab I.D.</b> <i>4220752</i>	<b>Sample I.D.</b> <i>11 B26g 0-4'</i>	<b>(G)RAB OR (C)OMP.</b> <i>C</i>	<b># CONTAINERS</b> <i>1</i>
		<b>GROUNDWATER</b>	<b>WASTEWATER</b>
		<b>SOIL</b>	<b>OIL</b>
		<b>SLUDGE</b>	<b>OTHER:</b>
		<b>ACID/BASE:</b>	<b>ICE / COOL</b>
		<b>OTHER:</b>	
		<b>DATE</b>	<b>TIME</b>
<i>11</i>	<i>B26g 0-4'</i>	<i>8-25</i>	<i>12:58</i>
<i>12</i>	<i>W28 B26S 0-4'</i>	<i>8-25</i>	<i>11:28</i>
<i>13</i>	<i>W24 B26S 0-4'</i>	<i>8-25</i>	<i>11:30</i>
<i>14</i>	<i>W110 B26S 0-4'</i>	<i>8-25</i>	<i>11:32</i>
<i>15</i>	<i>W11 B26S 0-4'</i>	<i>8-25</i>	<i>11:34</i>
<i>14</i>	<i>W12 B26S 0-4'</i>	<i>8-25</i>	<i>11:36</i>
<i>17</i>	<i>W17 B26S 0-4'</i>	<i>8-25</i>	<i>11:38</i>

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**Relinquished By:** *Justin R. Robbie* **Date:** *8-25* **Time:** *1:05*

**Received By:** *Justin R. Robbie* **Date:** *8-25* **Time:** *1:05*

**Delivered By:** (Circle One) **Observed Temp. °C:** *39* **Corrected Temp. °C:** *34*

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

**Checked By:** *Justin R. Robbie* **Thermometer ID #113** **Correction Factor -0.5°C**

**Remarks:** *System issue, Robbie*

**Standard**  **Add'l Phone #:** **Bacteria (only)**  **Sample Condition**  **Observed Temp. °C**  **Corrected Temp. °C**

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



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---

March 10, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/04/22 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 13 @ 0-4' (H220873-01)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	0.716	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	32.0	16.0	03/08/2022	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	03/10/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 14 @ 0-4' (H220873-02)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	0.716	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.0 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 15 @ 0-4' (H220873-03)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	0.716	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	16.0	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.5 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 16 @ 0-4' (H220873-04)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	0.716	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	<16.0	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.0 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 17 @ 0-2' (H220873-05)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	0.716	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	102	2.00	0.264	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.06	103	2.00	0.329	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.37	106	6.00	0.336	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 18 @ 0-1' (H220873-06)**

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 101 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 20 @ 0-2' (H220873-07)**

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 21 @ 0-2' (H220873-08)**

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.9 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 22 @ 0-4' (H220873-09)**

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 24 @ 0-4' (H220873-10)**

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>176</b>	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 94.5 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 25 @ 0-4' (H220873-11)**

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	816	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 74.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.7 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 28 @ 0-4' (H220873-12)**

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	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	<16.0	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 29 @ 0-2' (H220873-13)**

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	96.0	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.5 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 30 @ 0-1' (H220873-14)**

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	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	32.0	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.1 % 59.5-142

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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:	03/04/2022	Sampling Date:	03/04/2022
Reported:	03/10/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 31 @ 0-1' (H220873-15)**

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	03/08/2022	ND	2.04	102	2.00	4.39	
Toluene*	<0.050	0.050	03/08/2022	ND	2.05	103	2.00	7.97	
Ethylbenzene*	<0.050	0.050	03/08/2022	ND	2.02	101	2.00	7.48	
Total Xylenes*	<0.150	0.150	03/08/2022	ND	6.30	105	6.00	7.51	
Total BTEX	<0.300	0.300	03/08/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	16.0	16.0	03/08/2022	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	03/09/2022	ND	195	97.6	200	26.1	
DRO >C10-C28*	<10.0	10.0	03/09/2022	ND	197	98.4	200	13.0	
EXT DRO >C28-C36	<10.0	10.0	03/09/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.2 % 59.5-142

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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-04 The RPD for the BS/BSD was outside of historical limits.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Diamond Road</u> Project Manager: <u>Justin R.</u>		P.O. # <u>          </u> Company: <u>Mudbowl</u> Attn: <u>Rodde</u> Address: <u>          </u> City: <u>          </u> State: <u>          </u> Zip: <u>          </u> Project #: <u>          </u> Project Owner: <u>          </u> Project Name: <u>          </u> City: <u>          </u> State: <u>          </u> Zip: <u>          </u> Project Location: <u>Forsy Mtn Rd Ridge Intercenic</u> Phone #: <u>          </u> Fax #: <u>          </u> Sampler Name: <u>          </u>	
Address: <u>          </u> City: <u>          </u> State: <u>          </u> Zip: <u>          </u> Phone #: <u>          </u> Fax #: <u>          </u>		BILL TO ANALYSIS REQUEST	
Lab I.D. <u>          </u> Sample I.D. <u>          </u>		MATRIX GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: <input type="checkbox"/>	
FOR LAB USE ONLY (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS <u>          </u>		DATE <u>          </u> TIME <u>          </u>	
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Relinquished By: <u>          </u> Date: <u>          </u> Time: <u>          </u> Relinquished By: <u>          </u> Date: <u>          </u> Time: <u>          </u> Received By: <u>          </u>		Turnaround Time: <u>          </u> Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C <u>          </u> Corrected Temp. °C <u>          </u>	
Delivered By: (Circle One) <u>          </u> Observed Temp. °C <u>          </u> Corrected Temp. °C <u>          </u> Sampler - UPS - Bus - Other: <u>          </u>		REMARKS: <u>          </u> Jason Owsley@icloud.com Justin R. Rodde samples taken & brought directly to lab.	

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com #1113



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Diamond Back P.O. #: \_\_\_\_\_  
 Project Manager: Justin R Company: McBarron  
 Address: \_\_\_\_\_ Attn: Lobbie  
 City: Hobbs State: NM Zip: 89240  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: MOC-366 Project Owner: \_\_\_\_\_  
 Project Name: \_\_\_\_\_ City: \_\_\_\_\_  
 Project Location: Forts ninen Ridge Enterprise State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Sampler Name: \_\_\_\_\_ Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	X	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :				
<u>H22873</u>	<u>15 Sample Removed</u>												
	<u>10 v24 @ 0-4'</u>												
	<u>11 v25 @ 0-4'</u>												
	<u>12 Sample Removed</u>												
	<u>12 v27 @ 0-4'</u>												
	<u>13 v24 @ 0-2'</u>												
	<u>14 v30 @ 0-1'</u>												
	<u>15 v31 @ 0-1'</u>												

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Relinquished By: [Signature] Date: 3-4-22 Received By: [Signature]  
 Time: 3:40 Date: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Time: \_\_\_\_\_ Received By: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C: 7.0 Sample Condition:  Intact  Cool  Intact  No  No  
 Corrected Temp. °C: 7.7 Checked By: [Signature]  
 Sampler - UPS - Bus - Other: \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



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---

March 11, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/07/22 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 28 @ 4' (H220896-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	03/09/2022	ND	1.98	98.9	2.00	5.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.91	95.4	2.00	5.85	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	5.96	99.4	6.00	5.32	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/09/2022	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	03/10/2022	ND	203	102	200	6.04	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	207	104	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane 72.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.2 % 59.5-142

Cardinal Laboratories

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 29 @ 4' (H220896-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	03/09/2022	ND	1.98	98.9	2.00	5.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.91	95.4	2.00	5.85	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	5.96	99.4	6.00	5.32	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	96.0	16.0	03/09/2022	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	03/10/2022	ND	203	102	200	6.04	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	207	104	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane 77.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.1 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 30 @ 4' (H220896-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	03/09/2022	ND	1.98	98.9	2.00	5.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.91	95.4	2.00	5.85	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	5.96	99.4	6.00	5.32	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	80.0	16.0	03/09/2022	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	03/10/2022	ND	203	102	200	6.04	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	207	104	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane 74.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.7 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 33 @ 4' (H220896-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/09/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	03/09/2022	ND	1.98	98.9	2.00	5.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.91	95.4	2.00	5.85	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	5.96	99.4	6.00	5.32	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/09/2022	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	03/10/2022	ND	203	102	200	6.04	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	207	104	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 34 @ 4' (H220896-05)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	QR-03
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	03/09/2022	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	03/10/2022	ND	203	102	200	6.04	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	207	104	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane 71.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.6 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 36 @ 4' (H220896-06)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75		
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83		
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23		
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15		
Total BTEX	<0.300	0.300	03/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	03/09/2022	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	03/10/2022	ND	203	102	200	6.04		
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	207	104	200	4.94		
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND						

Surrogate: 1-Chlorooctane 78.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.7 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 37 @ 4' (H220896-07)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75		
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83		
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23		
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15		
Total BTEX	<0.300	0.300	03/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	16.0	16.0	03/09/2022	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	03/10/2022	ND	203	102	200	6.04		
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	207	104	200	4.94		
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND						

Surrogate: 1-Chlorooctane 81.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.4 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 38 @ 4' (H220896-08)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/09/2022	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	03/10/2022	ND	203	102	200	6.04	
DRO >C10-C28*	<10.0	10.0	03/10/2022	ND	207	104	200	4.94	
EXT DRO >C28-C36	<10.0	10.0	03/10/2022	ND					

Surrogate: 1-Chlorooctane 70.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.8 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 39 @ 4' (H220896-09)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 94.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.3 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 40 @ 4' (H220896-10)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.1 % 59.5-142

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 41 @ 4' (H220896-11)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	48.0	16.0	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 42 @ 4' (H220896-12)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.7 % 59.5-142

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 43 @ 4' (H220896-13)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	112	16.0	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.2 % 59.5-142

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 Fax To: (575) 392-9376

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 44 @ 4' (H220896-14)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	80.0	16.0	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 81.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.2 % 59.5-142

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 Fax To: (575) 392-9376

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 45 @ 4' (H220896-15)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	320	16.0	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.5 % 59.5-142

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Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 31 @ 4' (H220896-16)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.3 % 59.5-142

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**Analytical Results For:**

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 32 @ 4' (H220896-17)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	<b>416</b>	16.0	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 97.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.3 % 59.5-142

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**Analytical Results For:**

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

Received:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 57 @ 1' (H220896-18)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75		
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83		
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23		
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15		
Total BTEX	<0.300	0.300	03/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	03/09/2022	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	03/11/2022	ND	207	103	200	1.67		
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321		
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND						

Surrogate: 1-Chlorooctane 86.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.5 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 19 @ 0-4' (H220896-19)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	16.0	16.0	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.1 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 64 @ 2' (H220896-20)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75	
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83	
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23	
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15	
Total BTEX	<0.300	0.300	03/09/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	03/09/2022	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	03/11/2022	ND	207	103	200	1.67	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.5 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 65 @ 2' (H220896-21)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75		
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83		
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23		
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15		
Total BTEX	<0.300	0.300	03/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	03/09/2022	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	03/11/2022	ND	207	103	200	1.67		
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321		
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND						

Surrogate: 1-Chlorooctane 90.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.4 % 59.5-142

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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:	03/07/2022	Sampling Date:	03/07/2022
Reported:	03/11/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 49 @ 2' (H220896-22)**

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	03/09/2022	ND	1.95	97.5	2.00	9.75		
Toluene*	<0.050	0.050	03/09/2022	ND	2.05	102	2.00	4.83		
Ethylbenzene*	<0.050	0.050	03/09/2022	ND	1.99	99.5	2.00	5.23		
Total Xylenes*	<0.150	0.150	03/09/2022	ND	6.18	103	6.00	5.15		
Total BTEX	<0.300	0.300	03/09/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	03/09/2022	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	03/11/2022	ND	207	103	200	1.67		
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	109	200	0.321		
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND						

Surrogate: 1-Chlorooctane 87.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>Diamond Back</b> Project Manager: <b>Justin Roberts</b> Address: City: <b>Hobbs</b> State: <b>NM</b> Zip: <b>88240</b> Phone #: Fax #:		P.O. #: Company: <b>NewBorac</b> Attn: <b>Robbie Daniels</b> Address: City: State: Zip:	
Project #: <b>Mac-316</b> Project Owner: Project Name:		State: Zip:	
Project Location: <b>Foley Area Ridge Enterprise</b> Sampler Name: <b>Jason Owsley</b>		Fax #:	
FOR LAB USE ONLY			
Lab I.D.: <b>H2084</b>	Sample I.D.:	(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	PRESERV SAMPLING
1 <b>B28041</b> 2 <b>B29041</b> 3 <b>B30041</b> 4 <b>B33041</b> 5 <b>B34041</b> 6 <b>B36041</b> 7 <b>B37041</b> 8 <b>B38041</b> 9 <b>B39041</b> 10 <b>B40041</b>	1 2 3 4 5 6 7 8 9 10	3-7-22 9:20 9:22 9:24 9:26 9:28 9:30 9:32 9:34 9:36 9:38	X X X X X X X X X X
Relinquished By: <i>[Signature]</i> Date: <b>3-7-22</b> Time: <b>1600</b>		Received By: <i>[Signature]</i> Date: Time:	
Delivered By: (Circle One) <input type="checkbox"/> UPS - Bus - Other:		Observed Temp. °C <b>9.4</b> Corrected Temp. °C <b>8.9</b>	
Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) <b>JO</b>	
Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>		Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C <input type="checkbox"/>	
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:		All Results are emailed. Please provide Email address:	
REMARKS: <b>Jason.Owsley@Tclodq.com / Justin Roberts</b>		Thermometer ID #113 Correction Factor -0.5°C	

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Diamond back</i>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: <i>Justin Roberts</i>		Company: <i>meabear</i>					
Address:		Attn: <i>Rebecca Daniels</i>					
City: <i>Hobbs</i>		Address:					
State: <i>NM</i>		City:					
Zip: <i>88240</i>		State:					
Project #: <i>MAC-366</i>		Project Owner:					
Project Name: <i>•</i>		Phone #:					
Project Location: <i>Fueryrher also ENTPH</i>		Fax #:					
Sampler Name: <i>Jason Owsley</i>		DATE					
FOR LAB USE ONLY		TIME					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	
<i>H220896</i>	<i>B4104'</i>	<i>C</i>	<i>1</i>	<i>X</i>		<i>3-7-22</i>	<i>10:40</i>
	<i>B4204'</i>						<i>10:42</i>
	<i>B4304'</i>						<i>10:44</i>
	<i>B4404'</i>						<i>10:46</i>
	<i>B4504'</i>						<i>10:48</i>
	<i>B3104'</i>						<i>10:50</i>
	<i>B3204'</i>						<i>10:52</i>
	<i>B4190-4'</i>						<i>10:54</i>
	<i>B4190-4'</i>						<i>10:56</i>
	<i>B4190-4'</i>						<i>10:58</i>

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Relinquished By: *[Signature]* Date: *3-7-22* Received By: *[Signature]* Date: *3-7-22*

Delivered By: (Circle One) Observed Temp. °C *9.4* Sample Condition Cool Intact  Yes  No  No CHECKED BY: (Initials) *JO*

Sampler - UPS - Bus - Other: Corrected Temp. °C *8.9* Turnaround Time: Standard  Rush  Bacteria (only) Sample Condition Cool Intact  Yes  No  No Corrected Temp. °C

Remarks: *Jason.Owsley@trload.com Justin/Rebecca*

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Diamond back</i>		P.O. #:		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
Project Manager: <i>Justin Roberts</i>		Company: <i>meabore</i>					
Address:		Attn: <i>Robb Kannels</i>					
City: <i>Hobbs</i>	State: <i>NM</i>	Zip: <i>88240</i>					
Phone #:	Fax #:						
Project #: <i>MOCC-366</i>	Project Owner:						
Project Name: <i>Fairy mine Ridge Enterprises L</i>	City:	State:	Zip:				
Project Location:	Phone #:						
Sampler Name: <i>Jason Owsley</i>	Fax #:						
<small>FOR LAB USE ONLY</small>							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV	SAMPLING
<i>H220896</i>	<i>B65 @ 2'</i>	<i>C</i>	<i>1</i>	GROUNDWATER	WASTEWATER	SOIL	OIL
<i>21</i>	<i>B49 @ 2'</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>22</i>	<i>B49 @ 2'</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				SLUDGE	OTHER :	ACID/BASE:	ICE / COOL
				OTHER :	DATE	TIME	
					<i>3-22</i>	<i>2:00 PM</i>	<i>CL</i>
					<i>3-22</i>	<i>2:14 PM</i>	<i>EXT PH</i>
							<i>BTCX</i>

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Relinquished By: *[Signature]* Date: *3-7-22* Time: *16:00*  
 Received By: *Jason Owsley* Date: *3-7-22* Time: *14:12*  
 Verbal Result:  Yes  No  Add'l Phone #:  
 All Results are emailed. Please provide Email address: *Jason.Owsley@Iceland.com / Justin/Robb*

Delivered By: (Circle One)  Observed Temp. °C *9.4* Sample Condition *Intact* CHECKED BY: (Initials) *JO*  
 Sampler - UPS - Bus - Other:  Corrected Temp. °C *8.9*  Cool  Intact  Yes  No  Yes  No  
 Turnaround Time:  Standard  Rush  Bacteria (only)  Sample Condition  Observed Temp. °C  Corrected Temp. °C

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



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---

March 14, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/08/22 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 50 @ 4' (H220921-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/11/2022	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	03/11/2022	ND	253	126	200	1.54	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	252	126	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.6 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 51 @ 4' (H220921-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/11/2022	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	03/11/2022	ND	253	126	200	1.54	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	252	126	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 52 @ 4' (H220921-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	80.0	16.0	03/11/2022	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	03/11/2022	ND	253	126	200	1.54	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	252	126	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 53 @ 4' (H220921-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/11/2022	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	03/11/2022	ND	253	126	200	1.54	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	252	126	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 94.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.8 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 54 @ 4' (H220921-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/11/2022	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	03/11/2022	ND	253	126	200	1.54	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	252	126	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 100 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.3 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 55 @ 4' (H220921-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	304	16.0	03/11/2022	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	03/11/2022	ND	253	126	200	1.54	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	252	126	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.7 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 56 @ 4' (H220921-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	320	16.0	03/11/2022	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	03/11/2022	ND	221	110	200	10.2	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	188	94.2	200	23.1	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 26 @ 0-4' (H220921-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/11/2022	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	03/11/2022	ND	221	110	200	10.2	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	188	94.2	200	23.1	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.6 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 27 @ 0-4' (H220921-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	80.0	16.0	03/11/2022	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	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 101 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.5 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 74 @ 4' (H220921-10)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/11/2022	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	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 75 @ 4' (H220921-11)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	03/11/2022	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	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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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:	03/08/2022	Sampling Date:	03/08/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 76 @ 4' (H220921-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.07	103	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.07	104	2.00	0.681	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.00	100	2.00	0.926	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.17	103	6.00	0.128	
Total BTEX	<0.300	0.300	03/11/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	03/11/2022	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	03/11/2022	ND	208	104	200	2.00	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	206	103	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					

Surrogate: 1-Chlorooctane 116 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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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-04 The RPD for the BS/BSD was outside of historical limits.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

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

Company Name: <u>Diamond Back</u> Project Manager: <u>Justin Robbers</u>		P.O. #: _____ Company: <u>NewBouane</u> Attn: <u>Robbie C</u>																	
Address: _____ City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Address: _____ City: _____ State: _____ Zip: _____																	
Phone #: _____ Fax #: _____ Project #: <u>MOC-36C</u> Project Owner: _____		City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____																	
Project Location: <u>Ferry Wheel Ridge Environmental</u> Sampler Name: <u>Jason Wesley</u>																			
FOR LAB USE ONLY																			
Lab I.D. <u>H220921</u>  Sample I.D.	1	B500@4'	CI	3-8-22	9:28	X	CI												
	2	B510@4'	CI				X	EXTPH											
	3	B520@4'																	
	4	B530@4'																	
	5	B540@4'																	
	6	B550@4'																	
	7	B560@4'																	
	8	B570@4'																	
	9	B580@4'																	
	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.				Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: <u>Jason / Justin / Robbie C</u>														
Relinquished By: _____ Date: <u>5-8-22</u> Time: <u>14:00</u>		Received By: <u>Justin Robbers</u> Date: _____ Time: _____																	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		Observed Temp. °C <u>42</u> Corrected Temp. °C <u>3.7</u>																	
Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: _____ (Initials) Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool Intact <input type="checkbox"/> Observed Temp. °C _____ Yes <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C _____																	

† Cardinal cannot accept verbal changes. Please email changes to celej,keene@cardinallabsnm.com





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---

March 15, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/10/22 15:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 360	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 61 @ 4' (H220980-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2022	ND	1.91	95.3	2.00	9.20	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.11	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.85	92.4	2.00	8.87	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.68	94.7	6.00	9.75	
Total BTEX	<0.300	0.300	03/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/15/2022	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	03/14/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					

Surrogate: 1-Chlorooctane 67.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 69.6 % 59.5-142

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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:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 360	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 62 @ 4' (H220980-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2022	ND	1.91	95.3	2.00	9.20	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.11	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.85	92.4	2.00	8.87	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.68	94.7	6.00	9.75	
Total BTEX	<0.300	0.300	03/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/15/2022	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	03/14/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.5 % 59.5-142

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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:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 360	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 63 @ 4' (H220980-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2022	ND	1.91	95.3	2.00	9.20	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.11	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.85	92.4	2.00	8.87	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.68	94.7	6.00	9.75	
Total BTEX	<0.300	0.300	03/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/15/2022	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	03/14/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					

Surrogate: 1-Chlorooctane 68.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.7 % 59.5-142

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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:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 360	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 64 @ 4' (H220980-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2022	ND	1.91	95.3	2.00	9.20	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.11	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.85	92.4	2.00	8.87	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.68	94.7	6.00	9.75	
Total BTEX	<0.300	0.300	03/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<b>128</b>	16.0	03/15/2022	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	03/14/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/14/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/14/2022	ND					

Surrogate: 1-Chlorooctane 77.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.5 % 59.5-142

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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:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 360	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 46 @ 4' (H220980-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2022	ND	1.91	95.3	2.00	9.20	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.11	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.85	92.4	2.00	8.87	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.68	94.7	6.00	9.75	
Total BTEX	<0.300	0.300	03/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	208	16.0	03/15/2022	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	03/15/2022	ND	206	103	200	1.35	
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	243	121	200	6.70	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					

Surrogate: 1-Chlorooctane 79.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.6 % 59.5-142

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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:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 360	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 47 @ 4' (H220980-06)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/14/2022	ND	1.91	95.3	2.00	9.20		
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.11		
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.85	92.4	2.00	8.87		
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.68	94.7	6.00	9.75		
Total BTEX	<0.300	0.300	03/14/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	03/15/2022	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	03/15/2022	ND	206	103	200	1.35		
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	243	121	200	6.70		
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND						

Surrogate: 1-Chlorooctane 72.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 74.2 % 59.5-142

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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:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 360	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 48 @ 4' (H220980-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2022	ND	1.91	95.3	2.00	9.20	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.11	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.85	92.4	2.00	8.87	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.68	94.7	6.00	9.75	
Total BTEX	<0.300	0.300	03/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	03/15/2022	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	03/15/2022	ND	196	98.2	200	4.98	
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	190	95.1	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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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:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 360	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 59 @ 4' (H220980-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2022	ND	1.91	95.3	2.00	9.20	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.11	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.85	92.4	2.00	8.87	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.68	94.7	6.00	9.75	
Total BTEX	<0.300	0.300	03/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	<16.0	16.0	03/15/2022	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	03/15/2022	ND	196	98.2	200	4.98	
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	190	95.1	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					

Surrogate: 1-Chlorooctane 106 % 66.9-136

Surrogate: 1-Chlorooctadecane 109 % 59.5-142

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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:	03/10/2022	Sampling Date:	03/10/2022
Reported:	03/15/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 360	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 67 @ 6' (H220980-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2022	ND	1.91	95.3	2.00	9.20	
Toluene*	<0.050	0.050	03/14/2022	ND	1.91	95.6	2.00	9.11	
Ethylbenzene*	<0.050	0.050	03/14/2022	ND	1.85	92.4	2.00	8.87	
Total Xylenes*	<0.150	0.150	03/14/2022	ND	5.68	94.7	6.00	9.75	
Total BTEX	<0.300	0.300	03/14/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/15/2022	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	03/15/2022	ND	196	98.2	200	4.98	
DRO >C10-C28*	<10.0	10.0	03/15/2022	ND	190	95.1	200	7.08	
EXT DRO >C28-C36	<10.0	10.0	03/15/2022	ND					

Surrogate: 1-Chlorooctane 110 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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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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March 18, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/14/22 15:12.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 25 0-4' (H221009-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2022	ND	1.82	91.2	2.00	12.8	
Toluene*	<0.050	0.050	03/15/2022	ND	1.83	91.3	2.00	13.7	
Ethylbenzene*	<0.050	0.050	03/15/2022	ND	1.78	88.8	2.00	13.5	
Total Xylenes*	<0.150	0.150	03/15/2022	ND	5.53	92.2	6.00	13.3	
Total BTEX	<0.300	0.300	03/15/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/16/2022	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	03/17/2022	ND	238	119	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND					

Surrogate: 1-Chlorooctane 72.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.7 % 59.5-142

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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:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 32 0-4' (H221009-02)**

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	03/16/2022	ND	1.83	91.4	2.00	11.5	
Toluene*	<0.050	0.050	03/16/2022	ND	1.95	97.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.89	94.7	2.00	6.93	
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.84	97.4	6.00	8.17	
Total BTEX	<0.300	0.300	03/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/16/2022	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	03/17/2022	ND	238	119	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.4 % 59.5-142

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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:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 33 0-4' (H221009-03)**

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	03/16/2022	ND	1.83	91.4	2.00	11.5	
Toluene*	<0.050	0.050	03/16/2022	ND	1.95	97.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.89	94.7	2.00	6.93	
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.84	97.4	6.00	8.17	
Total BTEX	<0.300	0.300	03/16/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/16/2022	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	03/17/2022	ND	238	119	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND					

Surrogate: 1-Chlorooctane 69.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 70.4 % 59.5-142

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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:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 34 0-4' (H221009-04)**

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	03/16/2022	ND	1.83	91.4	2.00	11.5		
Toluene*	<0.050	0.050	03/16/2022	ND	1.95	97.5	2.00	4.95		
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.89	94.7	2.00	6.93		
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.84	97.4	6.00	8.17		
Total BTEX	<0.300	0.300	03/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2022	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	03/17/2022	ND	238	119	200	11.2		
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2		
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND						

Surrogate: 1-Chlorooctane 80.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.8 % 59.5-142

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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:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 35 0-4' (H221009-05)**

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	03/16/2022	ND	1.83	91.4	2.00	11.5		
Toluene*	<0.050	0.050	03/16/2022	ND	1.95	97.5	2.00	4.95		
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.89	94.7	2.00	6.93		
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.84	97.4	6.00	8.17		
Total BTEX	<0.300	0.300	03/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2022	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	03/17/2022	ND	238	119	200	11.2		
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2		
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND						

Surrogate: 1-Chlorooctane 74.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 77.7 % 59.5-142

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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:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 36 0-4' (H221009-06)**

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	03/16/2022	ND	1.83	91.4	2.00	11.5	
Toluene*	<0.050	0.050	03/16/2022	ND	1.95	97.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.89	94.7	2.00	6.93	
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.84	97.4	6.00	8.17	
Total BTEX	<0.300	0.300	03/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/16/2022	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	03/17/2022	ND	238	119	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.2 % 59.5-142

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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:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 37 0-4' (H221009-07)**

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	03/16/2022	ND	1.83	91.4	2.00	11.5	
Toluene*	<0.050	0.050	03/16/2022	ND	1.95	97.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.89	94.7	2.00	6.93	
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.84	97.4	6.00	8.17	
Total BTEX	<0.300	0.300	03/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/16/2022	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	03/17/2022	ND	238	119	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.4 % 59.5-142

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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:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 38 0-4' (H221009-08)**

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	03/16/2022	ND	1.83	91.4	2.00	11.5	
Toluene*	<0.050	0.050	03/16/2022	ND	1.95	97.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.89	94.7	2.00	6.93	
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.84	97.4	6.00	8.17	
Total BTEX	<0.300	0.300	03/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/16/2022	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	03/17/2022	ND	238	119	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND					

Surrogate: 1-Chlorooctane 73.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.9 % 59.5-142

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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:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 39 0-8' (H221009-09)**

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	03/16/2022	ND	1.83	91.4	2.00	11.5	
Toluene*	<0.050	0.050	03/16/2022	ND	1.95	97.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.89	94.7	2.00	6.93	
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.84	97.4	6.00	8.17	
Total BTEX	<0.300	0.300	03/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/16/2022	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	03/17/2022	ND	238	119	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.9 % 59.5-142

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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:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 40 0-8' (H221009-10)**

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	03/16/2022	ND	1.83	91.4	2.00	11.5		
Toluene*	<0.050	0.050	03/16/2022	ND	1.95	97.5	2.00	4.95		
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.89	94.7	2.00	6.93		
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.84	97.4	6.00	8.17		
Total BTEX	<0.300	0.300	03/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	03/16/2022	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	03/17/2022	ND	238	119	200	11.2		
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2		
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND						

Surrogate: 1-Chlorooctane 72.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 73.1 % 59.5-142

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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:	03/14/2022	Sampling Date:	03/14/2022
Reported:	03/18/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 58 @ 6' (H221009-11)**

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	03/16/2022	ND	1.83	91.4	2.00	11.5	
Toluene*	<0.050	0.050	03/16/2022	ND	1.95	97.5	2.00	4.95	
Ethylbenzene*	<0.050	0.050	03/16/2022	ND	1.89	94.7	2.00	6.93	
Total Xylenes*	<0.150	0.150	03/16/2022	ND	5.84	97.4	6.00	8.17	
Total BTEX	<0.300	0.300	03/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

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	03/16/2022	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	03/17/2022	ND	238	119	200	11.2	
DRO >C10-C28*	<10.0	10.0	03/17/2022	ND	243	121	200	17.2	
EXT DRO >C28-C36	<10.0	10.0	03/17/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>Diamond Back</b> Project Manager: <b>Justin Roberts</b> Address: City: <b>Hobbs</b> State: <b>NM</b> Zip: <b>88240</b> Phone #: _____ Fax #: _____ Project #: <b>MOG-366</b> Project Owner: Project Name: Project Location: <b>Foamy Niner Encapsule</b> Sampler Name: FOR LAB USE ONLY		P.O. #: Company: <b>McBouae</b> Attn: <b>Robbie</b> Address: City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. <b>H221D09</b> Sample I.D. <b>or</b> 1 <b>W2250-41</b> 2 <b>W320-41</b> 3 <b>W330-41</b> 4 <b>W340-41</b> 5 <b>W350-41</b> 6 <b>W360-41</b> 7 <b>W370-41</b> 8 <b>W380-41</b> 9 <b>W390-41</b> 10 <b>W400-41</b>		(G)RAB OR (C)OMP. <b>C</b> # CONTAINERS <b>1</b> MATRIX GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____ DATE <b>3-14-22</b> TIME <b>12:10A</b>	
Relinquished By: _____ Date: <b>3-14-22</b> Relinquished By: _____ Date: <b>3-14-22</b> Time: _____ Received By: _____ Received By: _____ Date: _____ Time: _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS: <b>Jason / Justin / Robbie</b>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: Observed Temp. °C <b>4.4</b> Corrected Temp. °C <b>3.9</b> Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <b>VB</b>		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C _____ Corrected Temp. °C _____	

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





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

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March 21, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/15/22 16:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	03/15/2022	Sampling Date:	03/15/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 68 @ 8' (H221031-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.63	
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32	
Total BTEX	<0.300	0.300	03/19/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2022	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	192	96.2	200	5.13	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	208	104	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 103 % 59.5-142

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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:	03/15/2022	Sampling Date:	03/15/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 69 @ 8' (H221031-02)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.63		
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66		
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19		
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32		
Total BTEX	<0.300	0.300	03/19/2022	ND						

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

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	03/18/2022	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	217	109	200	3.30	QM-07	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	180	89.9	200	5.19		
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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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:	03/15/2022	Sampling Date:	03/15/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 70 @ 8' (H221031-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.63		
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66		
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19		
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32		
Total BTEX	<0.300	0.300	03/19/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/18/2022	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	03/18/2022	ND	217	109	200	3.30		
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	180	89.9	200	5.19		
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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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:	03/15/2022	Sampling Date:	03/15/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 71 @ 8' (H221031-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.63	
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32	
Total BTEX	<0.300	0.300	03/19/2022	ND					

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

Chloride, SM4500CI-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	03/18/2022	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	03/18/2022	ND	217	109	200	3.30	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	180	89.9	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.1 % 59.5-142

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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:	03/15/2022	Sampling Date:	03/15/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 72 @ 8' (H221031-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.63	
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32	
Total BTEX	<0.300	0.300	03/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2022	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	03/18/2022	ND	217	109	200	3.30	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	180	89.9	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 109 % 66.9-136

Surrogate: 1-Chlorooctadecane 114 % 59.5-142

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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:	03/15/2022	Sampling Date:	03/15/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: B 73 @ 8' (H221031-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.63	
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32	
Total BTEX	<0.300	0.300	03/19/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2022	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	03/18/2022	ND	217	109	200	3.30	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	180	89.9	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 105 % 66.9-136

Surrogate: 1-Chlorooctadecane 111 % 59.5-142

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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:	03/15/2022	Sampling Date:	03/15/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 41 @ 0-8' (H221031-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.63	
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32	
Total BTEX	<0.300	0.300	03/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2022	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	03/18/2022	ND	217	109	200	3.30	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	180	89.9	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 108 % 59.5-142

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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:	03/15/2022	Sampling Date:	03/15/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 42 @ 0-8' (H221031-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.63	
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32	
Total BTEX	<0.300	0.300	03/19/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2022	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	03/18/2022	ND	217	109	200	3.30	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	180	89.9	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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:	03/15/2022	Sampling Date:	03/15/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

**Sample ID: W 43 @ 4-8' (H221031-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.63	
Toluene*	<0.050	0.050	03/19/2022	ND	2.13	106	2.00	3.66	
Ethylbenzene*	<0.050	0.050	03/19/2022	ND	2.05	103	2.00	4.19	
Total Xylenes*	<0.150	0.150	03/19/2022	ND	6.36	106	6.00	4.32	
Total BTEX	<0.300	0.300	03/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-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	03/18/2022	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	03/18/2022	ND	217	109	200	3.30	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	180	89.9	200	5.19	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.8 % 59.5-142

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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

Cardinal Laboratories

\*=Accredited Analyte

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

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

Company Name: <b>Diamondback</b> Project Manager: <b>JASTIN ROBERTS</b>		P.O. #: _____ Company: <b>New Bern</b>	
Address: _____ City: <b>Hobbs</b> State: <b>NM</b> Zip: <b>88240</b>		Attn: <b>Robbie</b> Address: _____ City: _____ State: _____ Zip: _____	
Phone #: _____ Fax #: _____ Project #: <b>MOC-366</b> Project Owner: _____		Project Name: _____ Project Location: <b>FOOTY N: near entrance</b>	
Sampler Name: <b>JASON OWLES</b>		Phone #: _____ Fax #: _____	
FOR LAB USE ONLY			
Lab I.D. <b>H221D251</b>	Sample I.D. <b>B68 @ 8'</b> <b>B69 @ 8'</b> <b>B70 @ 8'</b> <b>B71 @ 8'</b> <b>B72 @ 8'</b> <b>B73 @ 8'</b> <b>W41 @ 0-8'</b> <b>W42 @ 0-8'</b> <b>W43 @ 4-8'</b>	(G)RAB OR (C)OMP. <b>C</b> # CONTAINERS <b>1</b> MATRIX: <input type="checkbox"/> GROUNDWATER <input checked="" type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER: _____ PRESERV: <input checked="" type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL OTHER: _____	DATE <b>3-5-22</b> TIME <b>11:00am</b> <b>11:29am</b> <b>11:06am</b> <b>11:08am</b> <b>11:08am</b> <b>11:20am</b> <b>11:04am</b>
Turnaround Time: _____		Standard <input checked="" type="checkbox"/> <b>Rush</b>	Bacteria (only) <input checked="" type="checkbox"/> Sample Condition <input checked="" type="checkbox"/>
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____		All Results are emailed. Please provide Email address: <b>Jason / Justin / Robbie</b>	
REMARKS: _____			



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

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March 24, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/22/22 15:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	03/22/2022	Sampling Date:	03/22/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: B 35 @ 4' (H221130-01)**

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	03/23/2022	ND	1.90	95.2	2.00	6.68	
Toluene*	<0.050	0.050	03/23/2022	ND	2.05	103	2.00	7.01	
Ethylbenzene*	<0.050	0.050	03/23/2022	ND	2.04	102	2.00	6.46	
Total Xylenes*	<0.150	0.150	03/23/2022	ND	6.65	111	6.00	6.72	
Total BTEX	<0.300	0.300	03/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	03/23/2022	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	03/23/2022	ND	193	96.5	200	4.43	
<b>DRO &gt;C10-C28*</b>	<b>26.1</b>	10.0	03/23/2022	ND	184	91.9	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	03/23/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.6 % 59.5-142

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:	03/22/2022	Sampling Date:	03/22/2022
Reported:	03/24/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

**Sample ID: W 25 @ 0-4' (H221130-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/23/2022	ND	1.87	93.5	2.00	8.52	
Toluene*	<0.050	0.050	03/23/2022	ND	2.03	101	2.00	9.00	
Ethylbenzene*	<0.050	0.050	03/23/2022	ND	2.01	101	2.00	8.90	
Total Xylenes*	<0.150	0.150	03/23/2022	ND	6.25	104	6.00	8.65	
Total BTEX	<0.300	0.300	03/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	03/23/2022	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	03/23/2022	ND	193	96.5	200	4.43	
DRO >C10-C28*	<10.0	10.0	03/23/2022	ND	184	91.9	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	03/23/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

Company Name: <b>Diamond Back</b> Project Manager: <b>Justin Roberts</b>		<b>BILL TO</b>		P.O. #: Company: <b>Newberry</b>	
Address: City: <b>Hobbs</b> State: <b>NM</b> Zip:		Attn: <b>Robbie</b> Address:		City: State: Zip:	
Project #: <b>MO-C-367</b> Project Owner:		City: State: Zip:		Phone #: Fax #:	
Project Name:		Project Location: <b>Foats Nine Enterprise</b>		Phone #: Fax #:	
Sampler Name:		FOR LAB USE ONLY		MATRIX PRESERV. SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER
H081130 1 2 4.25 @ 0-4'	B35 @ 4' C1 C1	X X X	X X X	SOIL OIL SLUDGE	OTHER:
				ACID/BASE: ICE / COOL	OTHER:
				DATE 8-22 2:10 3-22 2:12	TIME X X X
				CI EXT TPM BTEX	

**PLEASE NOTE: Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising from this 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: [Signature] Date: 8-22-22 Time: 15:42	Received By: [Signature] Date: [Blank] Time: [Blank]	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: Jason / Justin / Robbie
--	--	--

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

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



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

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March 30, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER ENTERPRIZE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 03/29/22 15:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/29/2022	Sampling Date:	03/29/2022
Reported:	03/30/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER ENTERPRIZE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 366	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

**Sample ID: B 60 @ 4' (H221252-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/29/2022	ND	2.05	102	2.00	5.67	
Toluene*	<0.050	0.050	03/29/2022	ND	2.04	102	2.00	5.95	
Ethylbenzene*	<0.050	0.050	03/29/2022	ND	1.94	97.0	2.00	6.28	
Total Xylenes*	<0.150	0.150	03/29/2022	ND	6.02	100	6.00	6.23	
Total BTEX	<0.300	0.300	03/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/30/2022	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	03/30/2022	ND	187	93.6	200	5.39	
DRO >C10-C28*	<10.0	10.0	03/30/2022	ND	187	93.6	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	03/30/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.0 % 59.5-142

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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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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 123621

**CONDITIONS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 123621
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	11/3/2022