

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?	<u><50'</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

State of New Mexico
Oil Conservation Division

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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. EngineerSignature:  Date: 7/8/2022email: 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: Jocelyn Harimon Date: 11/03/2022

Printed Name: Jocelyn Harimon

Title: Environmental Specialist



Forty Niner Ridge Unit Frac Line

NAPP2202640097

Final Remediation Report



2525 NW County Rd

Hobbs, NM 88240

[\(575\) 392-9996](tel:5753929996)

Introduction

This report represents the results of remediation activities at the 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 29th, 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
MEWBOURNE 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 BTX (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 WAL	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

SAMPLE ID	LAB ID NUMBER	SAMPLE DEPTH	SAMPLE DATE	SAMPLE TYPE	BENZENE	TOLUENE mg/ kg	ETHYL-BENZEN (mg/ kg)	TOTAL XYLENES mg/ kg	TOTAL BTEX (mg/ kg)	GRO C 6-C 10 (mg/ kg)	DRO C 6-C 10 (mg/ kg)	EXT DRO C 28- C36 (mg/ kg)	TPH C6-c36 (mg/ kg)	CHLORIDE (mg/ kg)
B- 1 FLOOR	H220672-01	2'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 2 FLOOR	H220672-02	2'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B-3 FLOOR	H220672-03	2'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 4 FLOOR	H220672-04	2'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 5 FLOOR	H220672-05	2'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 6 FLOOR	H220672-06	2'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 7 FLOOR	H220672-07	2'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 8 FLOOR	H220672-08	2'	02-21-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 9 FLOOR	H220708-01	2'	02-23-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
B- 10 FLOOR	H220708-02	6'	02-23-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 11 FLOOR	H220708-03	6'	02-23-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
B- 12 FLOOR	H220708-04	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
B- 13 FLOOR	H220708-05	6"	02-23-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B- 14 FLOOR	H220708-06	6"	02-23-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 15 FLOOR	H220708-07	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
B- 16 FLOOR	H220752-01	4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	192
B- 17 FLOOR	H220752-02	4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	240
B- 18 FLOOR	H220752-03	4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	256
B- 19 FLOOR	H220752-04	4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
B- 20 FLOOR	H220752-05	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
B- 21 FLOOR	H220752-06	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
B- 22 FLOOR	H220752-07	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
B- 23 FLOOR	H220752-08	4'	02-25-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B- 24 FLOOR	H220752-09	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
B- 25 FLOOR	H220752-10	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
B- 26 FLOOR	H220752-11	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
B-27 FLOOR	does not exist													
B- 28 FLOOR	H220896-01	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 29 FLOOR	H220896-02	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	96.0
B- 30 FLOOR	H220896-03	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B- 31 FLOOR	H220896-16	4'	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- 32 FLOOR	H220896-17	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	416
B- 33 FLOOR	H220896-04	4'	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- 34 FLOOR	H220896-05	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 35 FLOOR	H221130-01	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.1	<10.0	26.1	32.0
B- 36 FLOOR	H220896-06	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B- 37 FLOOR	H220896-07	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
B- 38 FLOOR	H220896-08	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
B- 39 FLOOR	H220896-09	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
B- 40 FLOOR	H220896-10	4'	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- 41 FLOOR	H220896-11	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 42 FLOOR	H220896-12	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 43 FLOOR	H220896-13	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	112.0
B- 44 FLOOR	H220896-14	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B- 45 FLOOR	H220896-15	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- 46 FLOOR	H220980-05	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- 47 FLOOR	H220980-06	4'	3-10-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208.0
B- 48 FLOOR	H220980-07	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- 49 FLOOR	H220896-22	2'	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- 50 FLOOR	H220921-01	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
B- 51 FLOOR	H220921-02	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
B- 52 FLOOR	H220921-03	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	80.0
B- 53 FLOOR	H220921-04	4'	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- 54 FLOOR	H220921-05	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	336
B- 55 FLOOR	H220921-06	4'	03-07-22	COMP	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304

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 Delination Map
NAPP2202640097
Mewbourne Oil Co.
Eddy County, New Mexico

Released to Imaging: 11/3/2022 9:33:06 AM



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 ocd.enviro@state.nm.us 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>
<u>OCD Only</u>	
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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04018 POD1	2	2	1	21	23S	30E	604664	3573868

x

Driller License: 1737 **Driller Company:** SHADE TREE DRILLING

Driller Name: JUSTIN MULLINS

Drill Start Date: 03/24/2017 **Drill Finish Date:** 03/28/2017 **Plug Date:**

Log File Date: 09/11/2017 **PCW Rev Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 65 GPM

Casing Size: 8.00 **Depth Well:** 380 feet **Depth Water:** 179 feet

x

Water Bearing Stratifications:

Top	Bottom	Description
170	180	Other/Unknown
190	223	Sandstone/Gravel/Conglomerate

x

Casing Perforations:

Top	Bottom
120	140
180	200
220	240
260	360

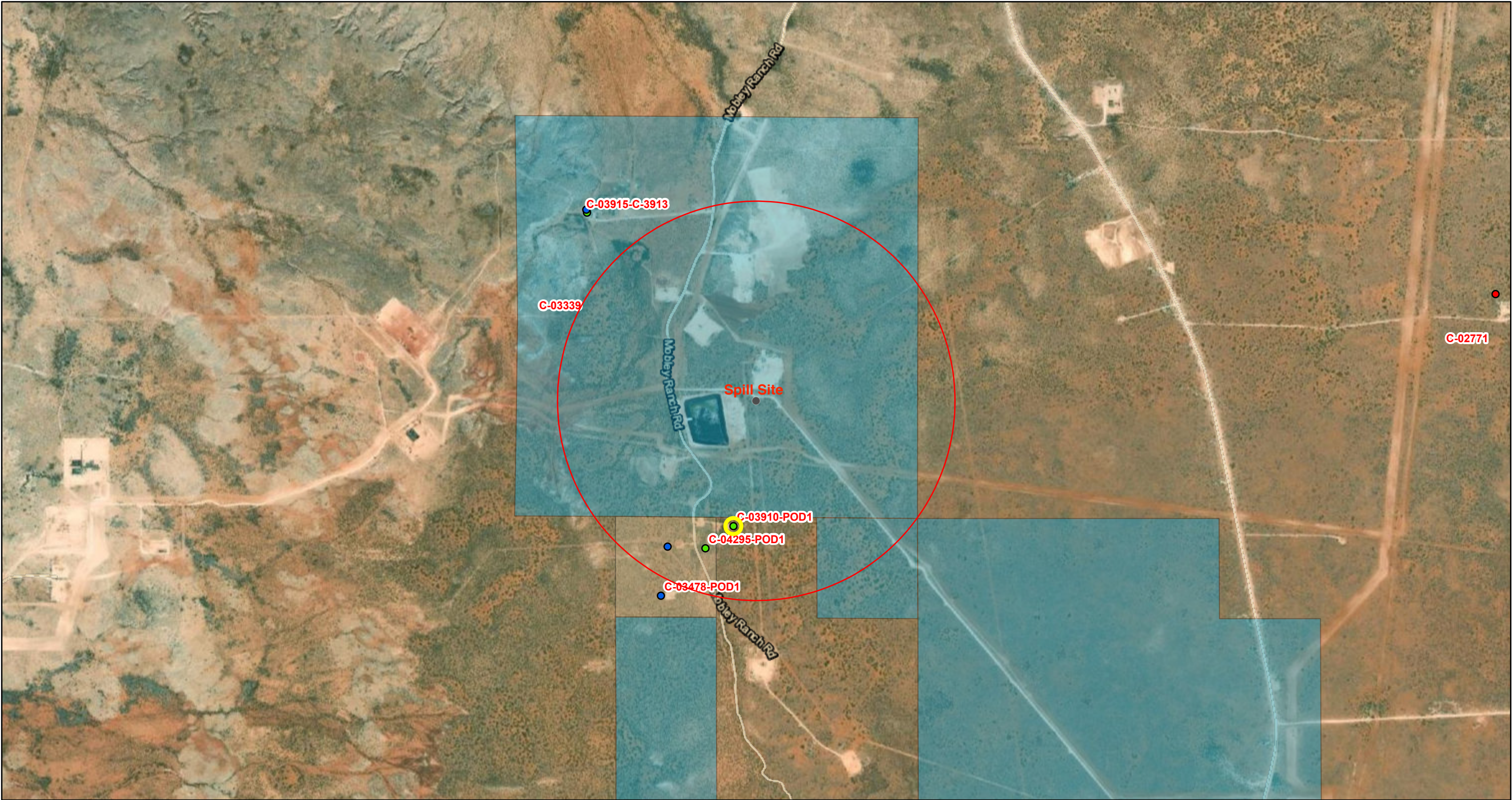
x

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

Active

Pending

Plugged

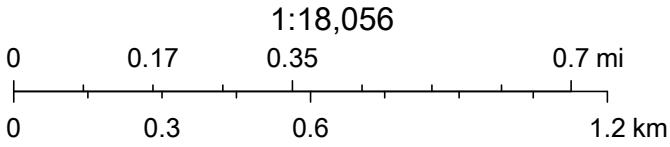
OSE District Boundary

New Mexico State Trust Lands

Subsurface Estate

Both Estates

SiteBoundaries



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 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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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 3 0-4' (H220671-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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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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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 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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/23/2022	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)

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

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

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



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 13 @ 6' (H220708-05)

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

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

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

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

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: Diamond Back Project Manager: Justin R.		BILL TO		ANALYSIS REQUEST	
Address: City: Hobbs State: NM Zip: 88240 Phone #: Fax #: Project #: Project Owner: Project Name:		P.O. #: Company: Montecore Attn: Robbie Address: City: State: Zip: Phone #: Fax #: Project Location:		Sample Name:	
FOR LAB USE ONLY		FOR LAB USE ONLY		FOR LAB USE ONLY	
Lab I.D. H220708	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV. SAMPLING	DATE TIME	CL BTEX TPH EXT.
1	B10 @ 2'	1	1	8-23	11:14
2	B10 @ 6'	1	1	8-23	11:16
3	B11 @ 6'	1	1	8-23	11:18
4	B12 @ 6'	1	1	8-23	11:20
5	B13 @ 6'	1	1	8-23	11:22
6	B14 @ 6'	1	1	8-23	11:24
7	B15 @ 6'	1	1	8-23	11:26
8	B16 @ 6'	1	1	8-23	11:28
9	B17 @ 6'	1	1	8-23	11:30

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

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

Delivered By: (Circle One) **Observed Temp. °C** 3.4 **Sample Condition** ☒ Cool ☒ Intact **CHECKED BY:** (Initials) J.R. **Turnaround Time:** Standard ☒ Rush ☐ Bacteria (only) ☒ Sample Condition ☒ Cool ☒ Intact **Observed Temp. °C** 3.4 **Corrected Temp. °C** 2.9

Verbal Result: ☐ Yes ☐ No **Add'l Phone #:** **Remarks:** Justin R. & Robbie

Thermometer ID #113 **Correction Factor -0.5°C** **Corrected Temp. °C**

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



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
 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)

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

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

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

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
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 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)

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

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 26 @ 4' (H220752-11)

BTX 8021B		mg/kg		Analyzed By: MS\						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 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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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 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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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 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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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 11 BGS 0-4' (H220752-15)

BTX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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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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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, 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	03/01/2022	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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A handwritten signature in black ink, appearing to read "C. 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>		BILL TO P.O. #: _____ Company: <u>Newbourn</u> Attn: <u>Robbie</u> Address: _____ City: _____ State: _____ Zip: _____		ANALYSIS REQUEST	
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> Sample Name: <u>due to accident</u> FOR LAB USE ONLY		Matrix: <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preserv: <input type="checkbox"/> ACID/BASE: _____ <input type="checkbox"/> ICE/COOL <input type="checkbox"/> OTHER: _____ Sampling: _____	
Lab I.D. <u>H220752</u> Sample I.D. _____		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 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.		DATE <u>8-25</u> TIME <u>12:38</u> Ext TPH <u>2</u> BTEX _____	
Relinquished By: <u>Justin R</u> Relinquished By: <u>Justin R</u> Date: <u>8-25</u> Time: _____ Received By: <u>Justin R</u> Date: _____ Time: _____		Turnaround Time: _____ Thermometer ID #113 <u>Standard</u> Correction Factor -0.5°C <u>Rush</u> Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Sample Condition <input type="checkbox"/> Observed Temp. °C _____ Corrected Temp. °C _____		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____ REMARKS: <u>Justin R. due to accident</u>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C <u>3.9</u> Corrected Temp. °C <u>3.4</u> Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <u>JB</u> Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com		Observed Temp. °C <u>3.9</u> Corrected Temp. °C <u>3.4</u> Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <u>JB</u> Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com		Observed Temp. °C _____ Corrected Temp. °C _____ Sample Condition <input type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: _____ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Diamond Rule</u>		BILL TO		ANALYSIS REQUEST	
Project Manager: <u>Justin R.</u>		P.O. #:			
Address:		Company: <u>Martinez</u>			
City: <u>Hobbs</u>		Attn: <u>Robbie</u>			
State: <u>NM</u> Zip: <u>88240</u>		Address:			
Phone #:		City:			
Fax #:		State:			
Project Name:		Zip:			
Project Location: <u>East River Enterprise Road</u>		Phone #:			
Sampler Name: <u>Joe Keene</u>		Fax #:			
FOR LAB USE ONLY					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.			
		# CONTAINERS			
<u>4720752</u> 11 B249 0-4' 12 W28 B245 0-4' 13 W24 B245 0-4' 14 W110 B245 0-4' 15 W11 B245 0-4' 14 W12 B245 0-4' 17 W17 B245 0-4'		MATRIX			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			
		PRESERV	SAMPLING		
		DATE	TIME		
		<u>8-25</u>	<u>12:58</u>	<u>CC</u>	<u>Ext TPH</u>
		<u>8-25</u>	<u>11:28</u>	<u>X</u>	<u>BTEX</u>
		<u>8-25</u>	<u>11:30</u>	<u>X</u>	
		<u>8-25</u>	<u>11:32</u>	<u>X</u>	
		<u>8-25</u>	<u>11:34</u>	<u>X</u>	
		<u>8-25</u>	<u>11:36</u>	<u>X</u>	
		<u>8-25</u>	<u>11:38</u>	<u>X</u>	

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Relinquished By: <u>Joe Keene</u>	Date: <u>8-25</u>	Received By: <u>Justin R.</u>	Date: <u>8-25</u>
Relinquished By: <u>Joe Keene</u>	Date: <u>8-25</u>	Received By: <u>Justin R.</u>	Date: <u>8-25</u>

Delivered By: (Circle One) ☒ UPS ☐ Bus ☐ Other: 34

Observed Temp. °C 39 **Corrected Temp. °C** 34

Sample Condition ☒ Cool ☐ Intact ☐ Yes ☐ No

CHECKED BY: Joe **(Initials)**

Turnaround Time: Standard ☒ Rush ☐

Thermometer ID #113 ☒ **Bacteria (only)** ☐ **Sample Condition** ☐ Cool ☐ Intact ☐ Yes ☐ No

Correction Factor -0.5°C ☐ **Observed Temp. °C** ☐ **Corrected Temp. °C** ☐

REMARKS: Justin R. Robbie

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

All Results are emailed. Please provide Email address:



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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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*=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:	03/04/2022	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



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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 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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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 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

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:	03/04/2022	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, 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 88.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.0 % 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:	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)

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

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 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)

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

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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	
Chloride	176	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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Analytical Results For:

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 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)

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

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 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, 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 82.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.4 % 59.5-142

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Analytical Results For:

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

Received:	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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Analytical Results For:

DIAMONDBACK DISPOSAL SERVICE INC.
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 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)

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

DIAMONDBACK DISPOSAL SERVICE INC.
 JUSTIN ROBERTS
 P. O. BOX 2491
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 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. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

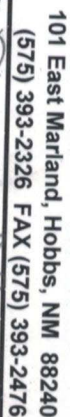
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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 18 of 19



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamond Back						BILL TO						ANALYSIS REQUEST					
Project Manager: Justin R						P.O. #:											
Address:						Company: McQuinn											
City: Hobbs						Attn: Robbie											
State: NM Zip: 88240						Address:											
Phone #:						City:											
Fax #:						State:											
Project #: MOC-366						Project Owner:											
Project Location: Forty nine Ridge Enterprise						Phone #:											
Sample Name:						Fax #:											
FOR LAB USE ONLY						MATRIX						SAMPLING					
						(G)RAB OR (C)OMP.											
						# CONTAINERS											
						GROUNDWATER											
						WASTEWATER											
						SOIL											
						OIL											
						SLUDGE											
						OTHER :											
						ACID/BASE:											
						ICE / COOL											
						OTHER :											
						DATE						TIME					
H220873						15 Sample Removed						3/4/02 10:36					
Lab I.D.						Sample I.D.											
10 024 @ 0-4'												X KL					
11 025 @ 0-4'												X EXT TPH					
Sample Removed												X BTEX					
12 027 @ 0-4'																	
13 029 @ 0-2'																	
14 030 @ 0-1'																	
15 031 @ 0-1'																	

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Relinquished By:				Date: 3-4-02				Received By:				Date: 3-4-02			
Relinquished By:				Time: 3:40				Received By:				Time:			
Delivered By: (Circle One)				Observed Temp. °C: 7.0				Corrected Temp. °C: 7.4				Sample Condition:			
Sampler - UPS - Bus - Other:				Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/>				Yes <input type="checkbox"/> No <input type="checkbox"/>				Checked By: (initials)			
				Turnaround Time:				Standard <input type="checkbox"/> Rush <input type="checkbox"/>				Bacteria (only) <input type="checkbox"/>			
				Thermometer ID #113				Cool <input type="checkbox"/> Intact <input type="checkbox"/>				Yes <input type="checkbox"/> No <input type="checkbox"/>			
				Correction Factor -0.5°C				Observed Temp. °C				Corrected Temp. °C			
REMARKS:															
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:															
All Results are emailed. Please provide Email address:															



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

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

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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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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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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 33 @ 4' (H220896-04)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 34 @ 4' (H220896-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 36 @ 4' (H220896-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 37 @ 4' (H220896-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 38 @ 4' (H220896-08)

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 41 @ 4' (H220896-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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 88.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.1 % 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 42 @ 4' (H220896-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 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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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 44 @ 4' (H220896-14)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 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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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 31 @ 4' (H220896-16)

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

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 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	416	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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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 57 @ 1' (H220896-18)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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: W 19 @ 0-4' (H220896-19)

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

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	03/09/2022	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	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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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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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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamond Back		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Justin Roberts		Company: McBarnett					
Address:		Attn: Robbie Daniels					
City: Hobbs	State: NM	Zip: 88240					
Phone #:	Fax #:						
Project #: Mac-346	Project Owner:						
Project Name:	City:	State:	Zip:				
Project Location: F. L. S. Area Ridge Enterprise	Phone #:						
Sample Name: Jason Owsley	Fax #:						
FOR LAB USE ONLY		PRESERV		SAMPLING			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.					
		# CONTAINERS					
		GROUNDWATER					
		WASTEWATER					
		SOIL					
		OIL					
		SLUDGE					
		OTHER :					
		ACID/BASE:					
		ICE / COOL					
		OTHER :					
		DATE	TIME				
H2084	628041	3-7-22	9:20	CL	EXT TPH	BTEX	
1	629041		9:22				
2	630041		9:24				
3	631041		9:26				
4	632041		9:28				
5	633041		9:30				
6	634041		9:32				
7	635041		9:34				
8	636041		9:36				
9	637041		9:38				
10	638041						

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Relinquished By:	Date: 3-7-22	Received By:	Date: 3-7-22
Time: 1600		Time: 1600	
Relinquished By:		Received By:	

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

REMARKS: **Jason.Owsley@Tclouq.com / Justin Roberts**

Delivered By: (Circle One) Observed Temp. °C **9.4** Sample Condition Cool Intact ☒ Yes ☐ No

Sampler - UPS - Bus - Other: Corrected Temp. °C **8.9** ☒ No ☐ Yes

Turnaround Time: Standard ☒ Rush ☐ Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ No Observed Temp. °C ☐ Yes ☐ No Corrected Temp. °C ☐ Yes ☐ No

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Diamond back</i>		P.O. #:		BILL TO		ANALYSIS REQUEST					
Project Manager: <i>Justin Roberts</i>		Company: <i>McBane</i>									
Address:		Attn: <i>Rebecca Daniels</i>									
City: <i>Hobbs</i>		State: <i>NM</i> Zip: <i>88240</i>									
Phone #:		Address:									
Project #: <i>mac-366</i>		City:									
Project Name: •		State: Zip:									
Project Location: <i>Fuerynher Ridge ENCEPALS</i>		Phone #:									
Sampler Name: <i>Jason Owsley</i>		Fax #:									
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV.		SAMPLING			
					GROUNDWATER						
					WASTEWATER						
					SOIL						
					OIL						
					SLUDGE						
					OTHER :						
					ACID/BASE:						
					ICE / COOL						
					OTHER :						
					DATE						
					TIME						
<i>H220896</i>	<i>84104'</i>	<i>C</i>	<i>1</i>		<i>3-7-22</i>	<i>10:40</i>	<i>CL</i>	<i>EXT PH</i>	<i>BTcy</i>		
<i>11</i>	<i>84204'</i>					<i>10:42</i>					
<i>12</i>	<i>84304'</i>					<i>10:44</i>					
<i>13</i>	<i>84404'</i>					<i>10:46</i>					
<i>14</i>	<i>84504'</i>					<i>10:48</i>					
<i>15</i>	<i>83104'</i>					<i>10:50</i>					
<i>16</i>	<i>83204'</i>					<i>10:52</i>					
<i>17</i>	<i>83304'</i>					<i>10:54</i>					
<i>18</i>	<i>83404'</i>					<i>10:56</i>					
<i>19</i>	<i>83504'</i>					<i>10:58</i>					
<i>20</i>	<i>83604'</i>										

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Relinquished By: <i>[Signature]</i>	Date: <i>3-7-22</i>	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
	Time: <i>10:00</i>		All Results are emailed. Please provide Email address:
	Date: <i>10:00</i>		<i>Jason.Owsley@trload.com Justin/Rebecca</i>
	Time:		REMARKS:

Delivered By: (Circle One)	Observed Temp. °C <i>9.4</i>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>JO</i>	Turnaround Time:	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	Sample Condition Observed Temp. °C
Sampler - UPS - Bus - Other:	Corrected Temp. °C <i>8.9</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113		<input type="checkbox"/> Yes <input type="checkbox"/> No	Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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, 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	03/11/2022	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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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 52 @ 4' (H220921-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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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 53 @ 4' (H220921-04)

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

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

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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*=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 56 @ 4' (H220921-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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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 26 @ 0-4' (H220921-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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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 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, 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	03/11/2022	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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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 75 @ 4' (H220921-11)

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 76 @ 4' (H220921-12)

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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 Roberts</u>		P.O. #: Company: <u>McBouane</u> Attn: <u>Bobbie C</u>	
Address: City: <u>Hobbs</u> State: <u>NM</u> Zip: <u>88240</u>		Address: City: State: Zip:	
Phone #: Fax #:		Phone #: Fax #:	
Project #: <u>MOC-36C</u> Project Owner:		City: State: Zip:	
Project Name:		Phone #: Fax #:	
Project Location: <u>Ferryman Ridge Elementary</u>		Phone #: Fax #:	
Sampler Name: <u>Jason Cuskey</u>		Phone #: Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			DATE	TIME	CI	EXT PH	BTCH
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :					
H220921	B50004'	CI	1			X						3-8-22	9:28	X			
	B51004'	CI	1										9:30	X			
	B52004'												9:32				
	B53004'												9:34				
	B54004'												9:36				
	B55004'												9:38				
	B56004'												9:40				
	B57004'												9:42				
	B58004'												9:44				
	B59004'												9:46				
	B60004'												9:48				
	B61004'												9:50				
	B62004'												9:52				
	B63004'												9:54				
	B64004'												9:56				
	B65004'												9:58				
	B66004'												10:00				
	B67004'												10:02				
	B68004'												10:04				

Relinquished By: <u>[Signature]</u> Date: <u>3-8-22</u>		Received By: <u>[Signature]</u> Date: <u>3-8-22</u>	
Time: <u>1410</u>		Time: <u>1410</u>	
Relinquished By: <u>[Signature]</u>		Received By: <u>[Signature]</u>	
Date: <u>3-8-22</u>		Date: <u>3-8-22</u>	
Time: <u>1410</u>		Time: <u>1410</u>	

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 checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) <u>[Signature]</u>	Turnaround Time: <u>Standard</u> Thermometer ID #113 Correction Factor -0.5°C	Bacteria (only) <input checked="" type="checkbox"/> Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Sample Condition Observed Temp. °C Corrected Temp. °C
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† Cardinal cannot accept verbal changes. Please email changes to celej.keene@cardinallabsnm.com



ANALYSIS REQUEST

Released to Imaging: 11/3/2022 9:33:06 AM



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

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

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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 95.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 96.5 % 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:	03/10/2022	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)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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	128	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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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)

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

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

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

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

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



Page 12 of 12

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



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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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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)

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

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

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 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)

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<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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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 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, 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 83.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.4 % 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:	03/14/2022	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, 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 73.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 71.9 % 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:	03/14/2022	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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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 40 0-8' (H221009-10)

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

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	03/16/2022	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	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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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ANALYSIS REQUEST

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

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



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 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)

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

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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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 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, 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 96.3 % 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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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)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

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: Diamond Back Project Manager: Justin Roberts Address: City: Hobbs State: NM Zip: 88240 Phone #: Fax #: Project #: MOC-366 Project Owner: Project Name: Project Location: Forts Niner Entrance Sampler Name: Jason Custer FOR LAB USE ONLY		BILL TO P.O. #: Company: Newbeare Attn: Robbie Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
Lab I.D. H221D31	Sample I.D. 1 368 @ 8' 2 369 @ 8' 3 370 @ 8' 4 371 @ 8' 5 372 @ 8' 6 373 @ 8' 7 441 @ 0-8' 8 442 @ 0-8' 9 443 @ 4-8'	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV. SAMPLING	DATE TIME	CL EXT TPM BTC Y
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Relinquished By: <i>[Signature]</i> Date: 7/15/22 Received By: <i>[Signature]</i> Date: 7/15/22 Relinquished By: <i>[Signature]</i> Date: 7/15/22 Received By: <i>[Signature]</i> Date: 7/15/22			
Delivered By: (Circle One) Observed Temp. °C: 5 Sampler - UPS - Bus - Other: Corrected Temp. °C: 8.0 Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Thermometer ID #113 Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Correction Factor -0.5°C Cool Intact <input type="checkbox"/> Observed Temp. °C: No Yes No Yes No Corrected Temp. °C:		REMARKS: All Results are emailed. Please provide Email address: Jason / Justin / Robbie			

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



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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
Chloride	32.0	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*	26.1	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

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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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Diamond Back Project Manager: Justin Roberts Address: City: Hobbs State: NM Zip: Phone #: Fax #: Project #: MOC-367 Project Owner: Project Name: Project Location: Foats Nine Entrance Sampler Name:		BILL TO P.O. #: Company: Newbore Attn: Robbie Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
FOR LAB USE ONLY		MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV. ACID/BASE: ICE / COOL OTHER:	
SAMPLING DATE TIME		DATE TIME		DATE TIME	
Lab I.D. Sample I.D. H081130 B35 @ 4' 2.25 @ 0-4'		C1 C1 X X Y		C1 EXT TPH BTEX	
Relinquished By: [Signature] Date: 8-22-22 Time: 1542		Received By: [Signature] Date: 8-22-22 Time: 2:10		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C 4.2 3.7		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) YD	
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Bacteria (only) <input type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Sample Condition <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Corrected Temp. °C		REMARKS: Jason / Justin / Robbie		All Results are emailed. Please provide Email address:	

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



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

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476
Company Name: DiamondBack Disposals

Project Manager: Justin Roberts

Address: 2525 NW County RD

City: Hobbs State: NM ZIP: 88240

Phone #: (575)-392-9996

Project #: MOC-366

Project Name:

Project Location: FNR Enterprise Release

Sampler Name: Jason Owsley

Lab I.D.

Sample I.D.

H201252

B60 @ 4'

1

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE 3-20

TIME 12:00pm

CL

EXT

TPH

BTEX

X

X

X

X

X

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X

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Inquired By:

Date: 3-29-22

Received By:

Shadeiquev

Verbal Result: ☐ Yes ☐ No

Add'l Phone #:

Inquired By:

Date:

5-8

Received By:

Shadeiquev

REMARKS: Rush!

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

Observed Temp. °C 4.80
Corrected Temp. °C 4.30

Sample Condition
Cool Intact ☒ Yes ☐ No
Intact ☐ Yes ☐ No

CHECKED BY: (Initials)
SR

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

Bacteria (only) Sample Condition
Cool Intact ☐ Observed Temp. °C

☐ Yes ☐ No
☐ Yes ☐ No
Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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

District I
1625 N. French Dr., Hobbs, NM 88240
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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 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