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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.

<u>Closure Report Attachment Checklist</u>: 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 of	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 be and regulations all operators are required to report and/or file certain release n may endanger public health or the environment. The acceptance of a C-141 re should their operations have failed to adequately investigate and remediate co- human health or the environment. In addition, OCD acceptance of a C-141 re compliance with any other federal, state, or local laws and/or regulations. The restore, reclaim, and re-vegetate the impacted surface area to the conditions the accordance with 19.15.29.13 NMAC including notification to the OCD when	otifications and perform corrective actions for releases which eport by the OCD does not relieve the operator of liability ntamination that pose a threat to groundwater, surface water, port does not relieve the operator of responsibility for e responsible party acknowledges they must substantially at existed prior to the release or their final land use in						
Printed Name: <u>Connor Walker</u> Title	e: <u>Sr. Engineer</u>						
Signature: Avalh	Date:5/9/2023						
email: cwalker@mewbourne.com	Telephone: 806-202-5281						
OCD Only							
	ate:05/09/2023						
Closure approval by the OCD does not relieve the responsible party of liability remediate contamination that poses a threat to groundwater, surface water, hum party of compliance with any other federal, state, or local laws and/or regulation	an health, or the environment nor does not relieve the responsible						
Closure Approved by: Robert Hamlet	Date: <u>9/25/2023</u>						
Printed Name: <u>Robert Hamlet</u>	Title: _ Environmental Specialist - Advanced						

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u><50'</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 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)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 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?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🛛 Yes 🗌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🔀 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
- \square Depth to water determination
- Determination of water sources and significant watercourses within ¹/₂-mile of the lateral extents of the release
- \boxtimes 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.

	9/2023 10:03:22 AM State of New Mexico		Incident ID	Page 3 of 158 NAPP2135156642
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regulations all operator public health or the er failed to adequately ir addition, OCD accept and/or regulations. Printed Name: Signature:	the information given above is true and complete to the be- ors are required to report and/or file certain release notified invironment. The acceptance of a C-141 report by the OC investigate and remediate contamination that pose a threat ance of a C-141 report does not relieve the operator of re- Connor Walker	cations and perform CD does not relieve t to groundwater, sur esponsibility for com Title: <u>Sr. H</u> Date: Telepl	corrective actions for rele he operator of liability sh face water, human health pliance with any other fe <u>Engineer</u> 05/9/2023 	eases which may endanger ould their operations have or the environment. In deral, state, or local laws
Received by:J	ocelyn Harimon	Date:05	6/09/2023	

Oil Conservation Division

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Application ID

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

<u>Closure Report Attachment Checklist</u> : 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							
Thereby 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, numan 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: <u>Connor Walker</u> Title: <u>Sr. Engineer</u>							
Signature: Date:5/9/2023							
email: <u>cwalker@mewbourne.com</u> Telephone: <u>806-202-5281</u>							
OCD Only							
Received by: Jocelyn Harimon Date:05/09/2023							
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.							
Closure Approved by: Date:							
Printed Name: Title:							



Forty Niner Ridge Unit #116H Frac Line

NAPP2135156642

Final Remediation Report



2525 NW County Rd

Hobbs, NM 88240 (575) 392-9996

Introduction

This report represents the results of remediation activities at the Forty Niner Ridge Unit #116H Frac Line. On behalf of Mewbourne Oil Company (Mewbourne), Diamondback Disposal Services, Inc. (Diamondback) was tasked with the cleanup and remediation of release NAPP2135156642. The release occurred in Unit Letter O, Section 16, Township 23S, Range 30E at coordinates 32.2998470, -103.8816638. 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.

<u>Overview</u>

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 93 barrels of produce water was lost with nothing 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 State 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 June 23rd, 2022 Diamondback excavated approximately 3400 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 10.5-feet BGS. Between the dates of March 9th, 2022 and June 24th, 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 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 July 1st, 2022, backfilling began and ran through July 7th. Approximately 3300 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 NAPP2135156642.

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

SAMPLE ID	LAB ID NUMBER	SAMPLE DEPHT	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	DRO C 6-C 10 (mg/kg)	EXT DRO C 28- C36 (mg/kg)	TPH C6-c36 (mg/kg)	CHLORIDE (mg/kg)
WW-1 WALL	H222701-01	0-6'	6-23-22	COMP	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
WW-2 WALL	H221057-10	0-6'	03-16-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
WW-3 WALL	H221057-11	0-6'	03-16-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
WW-4 WALL	H221057-12	0-6'	03-16-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
WW-5 WALL	H222675-04	6-8'	06-22-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	368
WW-6 WALL	H222701-02	3-8'	6-23-22	COMP	<0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
WW-7 WALL	H222701-03	8-10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	96.0
WW-8 WALL	H222701-04	3-10'	6-23-22	COMP	<0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	144
WW-9 WALL	H222701-05	3-10'	6-23-22	COMP	<0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	240
WW- 10 WALL	H222701-06	0-3'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	96.0
EW-01 WALL	H220947-01	0-4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	80.0
EW- 02 WALL	H220947-02	0-4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	80.0
EW-03 WALL	H220947-03	0-4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	80.0
EW-04 WALL	H220947-04	0-4'	03-09-22	COMP	<0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EW-05 WALL	H220947-05	0-4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
EW-06 WALL	H220947-06	0-4'	03-09-22	COMP	<0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	64.0
EW-07 WALL	H220947-07	0-1'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EW-08 WALL	H222643-01	0-8'	6-21-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	64.0
EW-09 WALL	H222643-02	0-8'	6-21-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EW- 10 WALL	H221068-07	4-6'	03-17-22	COMP	<0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EW-11 WALL	H221068-08	4-6'	03-17-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
EW-12 WALL	H222643-03	0-8'	6-21-22	COMP	<0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EW-13 WALL	H222643-04	0-8'	6-21-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	128
EW-14 WALL	H222643-05	0-8'	6-21-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	64.0
EW-15 WALL	H222643-06	0-8'	6-21-22	COMP	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	112
EW-16 WALL	H222643-07	6-8'	6-21-22	COMP	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	112
EW-17 WALL	H222675-01	0-8'	6-22-22	COMP	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EW-18 WALL	H222675-02	3-10'	6-22-22	COMP	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	96.0
EW-19 WALL	H222675-03	0-3'	6-22-22	COMP	<0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
EW-20 WALL	H222716-01	8-10'	6-24-22	COMP	<0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	272
EW-21 WALL	H222716-02	8-10'	6-24-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	272

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SAMPLE ID	LAB ID NUMBER	SAMPLE DEPHT	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	DRO C 6-C 10	EXT DRO C 28- C36 (mg/kg)	TPH C6-c36 (mg/kg)	CHLORIDE (mg/kg)
WB-1 FLOOR	H221057-01	6'	03-16-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	(mg/kg) <10.0	(malka) <10.0	<10.0	<10.0	48.0
WB-2 FLOOR	H221057-02	6'	03-16-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
WB-3 FLOOR	H221057-03	6'	03-16-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
WB-4 FLOOR	H221057-04	6'	03-16-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
WB-5 FLOOR	H222674-05	8'	6-22-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	96.0
WB-6 FLOOR	H222674-06	8'	6-22-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
WB-7 FLOOR	H221057-05	6'	03-16-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	64.0
WB-8 FLOOR	H222700-01	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	96.0
WB-9 FLOOR	H222674-07	8'	6-22-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	64.0
WB-10 FLOOR	H221057-06	6'	03-16-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
WB-11 FLOOR	H222700-07	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	304
WB- 12 FLOOR	H221057-07	6'	03-16-22	COMP	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	176
WB- 13 FLOOR	H221057-08	6'	03-16-22	COMP	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	224
WB-14 FLOOR	H221057-09	6'	03-16-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	64.0
WB- 15 FLOOR	H222700-02	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
WB-16 FLOOR	H222700-08	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
WB- 17 FLOOR	H222700-11	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB-1 FLOOR	H220947-08	1'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	80.0
EB-2 FLOOR	H220947-09	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-3 FLOOR	H220947-10	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	80.0
EB-4 FLOOR	H220947-11	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-5 FLOOR	H220947-12	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-6 FLOOR	H220947-13	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-7 FLOOR	H220947-14	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-8 FLOOR	H220947-15	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
EB-8 FLOOR	H221068-01	6'	03-17-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-09 FLOOR	H221068-02	6'	03-17-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0
EB- 10 FLOOR	H221068-03	6'	03-17-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-11 FLOOR	H221068-04	6'	03-17-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-12FLOOR	H221068-05	6'	03-17-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-13 FLOOR	H220947-16	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB- 14 FLOOR	H220947-17	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-15 FLOOR	H220947-18	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	16.0
EB-16 FLOOR	H220947-19	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB- 17 FLOOR	H220947-20	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0 <10.0	<10.0 <10.0	<10.0	<10.0	32.0
EB- 18 FLOOR	H220947-21	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300			<10.0	<10.0	48.0
EB- 19 FLOOR	H220947-22	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB- 19 FLOOR	H221068-06	6'	03-17-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB-20 FLOOR	H220947-22	4'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-21 FLOOR	H220947-23	4'	03-09-22	COMP	<0.050 <0.050	<0.050 <0.050	<0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	16.0 64.0
EB-22 FLOOR	H220947-24	4'	03-09-22	COMP	<0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	64.0 16.0
EB-23 FLOOR EB-24 FLOOR	H220947-25 H222628-01	4' 8'	03-09-22 6-20-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB- 24 FLOOR EB- 25 FLOOR	H222628-01 H222628-02	8'	6-20-22	COMP	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB-25 FLOOR EB-26 FLOOR	H222628-02 H222628-03	8'	6-20-22	COMP	< 0.050	< 0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-20 FLOOR EB-27 FLOOR	H222628-03	8'	6-20-22	COMP	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-28 FLOOR	H222628-04	8'	6-20-22	COMP	<0.050	< 0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	128
EB-28 FLOOR EB-29 FLOOR	H222628-05	8'	6-20-22	COMP	<0.050	<0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB- 30 FLOOR	H222628-00	8'	6-20-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	208
EB- 31 FLOOR	H222642-01	8'	6-21-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB- 32 FLOOR	H222717-01	10'	6-24-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	480
EB- 33 FLOOR	H222717-01	10'	6-24-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	288
EB- 34 FLOOR	H222717-03	10'	6-24-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	176

EB- 35 FLOOR	H222642-02	8'	6-21-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	176
EB- 36 FLOOR	H222628-08	8'	03-09-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	208
EB- 37 FLOOR	H222642-03	8'	6-21-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	160
EB-38 FLOOR	H222642-04	8'	6-21-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	176
EB- 39 FLOOR	H222700-06	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB-40 FLOOR	H222700-06	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB-41 FLOOR	H222700-04	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	704
EB-41 FLOOR	H212726-01	10'6"	6-24-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	64.0
EB- 42 FLOOR	H222700-05	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	400
EB- 43 FLOOR	H222674-01	9'	6-22-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB-44 FLOOR	H222674-02	8'	6-22-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB-45 FLOOR	H222674-03	3'	6-22-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-46 FLOOR	H222674-04	4'	6-22-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB- 47 FLOOR	H222700-03	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	< 0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	32.0
EB-48 FLOOR	H222700-10	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0
EB- 49 FLOOR	H222700-12	10'	6-23-22	COMP	< 0.050	< 0.050	< 0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	48.0



Wall Sample Map NAPP2135156642 Mewbourne Oil Co. Eddy County, New Mexico *Released to Imaging: 9/25/2023 2:14:41 PM*



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



Floor Sample Maps NAPP2135156642 Mewbourne Oil Co. Eddy County,New Mexico Released to Imaging: 9/25/2023 2:14:41 PM



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

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

QUESTIONS

Operator:	OGRID:	
MEWBOURNE OIL CO	14744	
P.O. Box 5270	Action Number:	
Hobbs, NM 88241	67851	
	Action Type:	
	[NOTIFY] Notification Of Release (NOR)	

QUESTIONS

Location of Release Source						
Please answer all of the questions in this group.						
Site Name	Forty Niner Ridge Unit #116H Frac Line					
Date Release Discovered	12/07/2021					
Surface Owner	State					

Incident Details

Please answer all of the questions in this group.					
Incident Type	Produced Water Release				
Did this release result in a fire or is the result of a fire	No				
Has this release reached or does it have a reasonable probability of reaching a watercourse	No				
Has this release endangered or does it have a reasonable probability of endangering public health	Νο				
Has this release substantially damaged or will it substantially damage property or the environment	Νο				
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	Νο				

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 93 BBL Recovered: 0 BBL Lost: 93 BBL]
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

QUESTIONS

Action 67851

District I 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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

QUESTIONS (continued)

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	67851
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)					
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.				
Was this a major release as defined by 19.15.29.7(A) NMAC	Yes, major release.				
Reasons why this would be considered a submission for a notification of a major release	Unauthorized release of a volume, excluding gases, of 25 barrels or more				
If YES, was immediate notice given to the OCD, by whom	Connor Walker				
If YES, was immediate notice given to the OCD, to whom	OCD.Enviro@state.nm.us				
If YES, was immediate notice given to the OCD, when	12/07/2021				
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	email				
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.					

Initial	Res	ponse
---------	-----	-------

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.					
The source of the release has been stopped	True				
The impacted area has been secured to protect human health and the environment	True				
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True				
All free liquids and recoverable materials have been removed and managed appropriately	True				
If all the actions described above have not been undertaken, explain why	Not answered.				
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after disc	overy of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the				

follow-up C-141 submission. 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 prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

QUESTIONS, Page 2

Action 67851

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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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

ACKNOWLEDGMENTS

Operator:		OGRID:
Ν	MEWBOURNE OIL CO	14744
F	P.O. Box 5270	Action Number:
ŀ	Hobbs, NM 88241	67851
		Action Type:
		[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

$\overline{\checkmark}$	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
M	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
	l acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
	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.
V	I acknowledge the fact that 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.
	I acknowledge the fact that, 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.

Action 67851

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	67851
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
c.walker	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C- 141.	12/17/2021

Action 67851

Page 16cof 158

48 hr Notice Napp2135156642

From: Justin Roberts (diamondback2491@yahoo.com)

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

Date: Thursday, June 23, 2022, 08:22 AM MDT

All

Please let this serve as 48 hour notice of confirmation sampling at the Mewbourne Oil Company New Wave Site (Napp2135156642). Site location is at 32.2998470, -103.8816638. We will be conducting confirmation sampling on Monday 6-27-22 at 8:00 AM. 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

			× 1	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD) Number	Q64	Q64 Q16 Q4 Se				e		X Y	
NA	C 0	4018 POD1	2	2	1	21	23S	30E	604664	3573868 🌍	
x Driller Lice	ense:	1737	Drille	r Con	ıpaı	ny:	SH	ADE TI	REE DRILL	ING	
Driller Nar	ne:	JUSTIN MULLIN	S								
Drill Start	Date:	03/24/2017	Drill I	Finish	Da	te:	0.	3/28/20	17 Pl	ug Date:	
Log File Da	ate:	09/11/2017	PCW	Rcv I)ate	:			So	urce:	Shallow
Pump Type:			Pipe E	Discha	rge	Size	e:		Es	timated Yield:	65 GPM
Casing Size: 8.00		Depth	Well	:		380 feet		De	epth Water:	179 feet	
х	Wate	er Bearing Stratific	ations:		То	p l	Bottom	Desc	ription		
		0			17	-	180		r/Unknown		
					19	0	223	Sand	stone/Gravel	/Conglomerate	
X		Casing Perfo	rations:		То	p I	Bottom	l			
					12	20	140)			
					18	80	200)			
					22	20	240)			
					26	50	360				

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

6/27/22 11:40 AM

POINT OF DIVERSION SUMMARY

OSE POD Locations Map



6/27/2022, 11:39:08 AM

GIS WATERS PODs

OSE District Boundary SiteBoundaries

0 Active

0

New Mexico State Trust Lands Pending

Subsurface Estate

• Plugged Both Estates



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





March 14, 2022

JUSTIN ROBERTS

DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 03/09/22 15:15.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 1 @ 0-4' (H220947-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d 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	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	108	200	0.928	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 2 @ 0-4' (H220947-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	108	200	0.928	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	107	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	125	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 3 @ 0-4' (H220947-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d 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	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	108	200	0.928	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	119	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 4 @ 0-4' (H220947-04)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d 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	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	108	200	0.928	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	109	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	2						

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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 5 @ 0-4' (H220947-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	108	200	0.928	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	99.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115 9	% 59.5-14	2						

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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 6 @ 0-4' (H220947-06)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	204	102	200	2.11	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	217	108	200	0.928	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	2						

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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 7 @ 0-1' (H220947-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	116 9	% 59.5-14	2						

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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 1 @ 1' (H220947-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	103	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	112 9	% 59.5-14	2						

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 2 @ 4' (H220947-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	98.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 3 @ 4' (H220947-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/11/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	95.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 4 @ 4' (H220947-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	83.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.7	% 59.5-14	2						

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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 5 @ 4' (H220947-12)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	78.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.8	% 59.5-14	2						

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 6 @ 4' (H220947-13)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
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	03/12/2022	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	03/11/2022	ND	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	84.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.0	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 7 @ 4' (H220947-14)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 69.9-14	0						
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	03/12/2022	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	03/11/2022	ND	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 8 @ 4' (H220947-15)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
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	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	93.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	98.3	% 59.5-14	2						

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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 13 @ 4' (H220947-16)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	89.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.4	% 59.5-14	2						

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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 14 @ 4' (H220947-17)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	87.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.2	% 59.5-14	2						

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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 15 @ 4' (H220947-18)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.05	102	2.00	1.80	
Toluene*	<0.050	0.050	03/11/2022	ND	2.17	109	2.00	1.49	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	2.71	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.47	108	6.00	3.94	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	94.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.4	% 59.5-14	2						

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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 16 @ 4' (H220947-19)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.10	105	2.00	0.996	
Toluene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	3.53	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	1.83	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.46	108	6.00	1.78	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	69.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.0	% 59.5-14	2						

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 17 @ 4' (H220947-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.10	105	2.00	0.996	
Toluene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	3.53	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	1.83	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.46	108	6.00	1.78	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	90.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.8	% 59.5-14	2						

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 18 @ 4' (H220947-21)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.10	105	2.00	0.996	
Toluene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	3.53	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	1.83	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.46	108	6.00	1.78	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	92.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.2	% 59.5-14	2						

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Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 20 @ 4' (H220947-22)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.10	105	2.00	0.996	
Toluene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	3.53	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	1.83	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.46	108	6.00	1.78	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 21 @ 4' (H220947-23)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.10	105	2.00	0.996	
Toluene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	3.53	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	1.83	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.46	108	6.00	1.78	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	80.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.2	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 22 @ 4' (H220947-24)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.10	105	2.00	0.996	
Toluene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	3.53	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	1.83	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.46	108	6.00	1.78	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	90.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.6	% 59.5-14	2						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/09/2022	Sampling Date:	03/09/2022
Reported:	03/14/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 23 @ 4' (H220947-25)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/11/2022	ND	2.10	105	2.00	0.996	
Toluene*	<0.050	0.050	03/11/2022	ND	2.11	106	2.00	3.53	
Ethylbenzene*	<0.050	0.050	03/11/2022	ND	2.08	104	2.00	1.83	
Total Xylenes*	<0.150	0.150	03/11/2022	ND	6.46	108	6.00	1.78	
Total BTEX	<0.300	0.300	03/11/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/12/2022	ND	432	108	400	7.69	
TPH 8015M	mg/	/kg	Analyze	d 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	190	94.9	200	1.09	
DRO >C10-C28*	<10.0	10.0	03/11/2022	ND	208	104	200	0.559	
EXT DRO >C28-C36	<10.0	10.0	03/11/2022	ND					
Surrogate: 1-Chlorooctane	82.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.1	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

101 East Marland, Hobbs, NM 88240 ARDIN oratories

Project Manager:

Company Name:

p tote b. ustin

Back

10 beats

P.O. #:

BILL TO

ANALYSIS

REQUEST

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

City:

H0565

Address

Project Name: Project #: Phone #

MOC-367

Sampler Name:

Ason

FOR LAB USE ONLY

L46027H

Ew 2 6010

Ew 300

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803

ia

Lab I.D.

Project Location:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

out of or related to the per Sample I.D for incidental or con Nince Ow Sic 0 0.4' 5-0 6-4 any 0-41 0-4 0-4' Observed Temp. °C Corrected Project Owner: Fax #: State: N M Zip: Date: 9-1 Date: Time: Time: New Temp. °C C nall be weve (G)RAB OR (C)OMP 00 Q Received B Received By # CONTAINERS 5 88240 GROUNDWATER unless made in writing and received by Cardinal WASTEWATER Cool Intact Sample Condition MATRIX SOIL 5 OIL SLUDGE Attn: Kobbi City: Company: Men Bener Fax #: State: Phone Address: OTHER 10SS 9 PRESERV ACID/BASE use, or ICE / COOL # × CHECKED BY: loss of profits incur OTHER (Initials) Ø Zip within 30 days after 3-422 8:00 DATE SAMPLING ed by 8:06 6016 \$:04 client, its subsidiaries id by the 10:17 512 10:19 5:02 10:15 All Results are emailed. Please provide Email address TIME completion of the applicable Thermometer ID #113 Correction Factor -0.5°C REMARKS: Verbal Result: Turnaround Time: CL X EXTTPH X Ves BTEY astin X Standard Rush ON D Add'l Phone #: Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Yes Robb. Corrected Temp. °C .

Received by OCD: 5/9/2023 10:03:22 AM

Relinquished By:

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

+

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

Relinquished By:

service. In no event shall Cardinal inalyses. All claims LEASE NOTE:

be liable

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Page 48 of 158

aboratories ARDIN

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

City: Project Manager: Company Name: Project #: MOC-367 Project Location: Ferry Phone #: Address Sampler Name: Project Name: Relinquished B H2DOHN FOR LAB USE ONLY **Relinquished By:** service. In no event shall Cardinal be liable for incidental LEASE Lab I.D. Sampler - UPS - Bus - Other: Delivered By: (Circle One) H0665 Se A 5 5 1 5 CPG 2 101 East Marland, Hobbs, NM 88240 50803 50 IT @ 41 66 13 @ 4 EBTQ m 29202 10 14 BU (575) 393-2326 FAX (575) 393-2476 Justin Roberts Diamond 91694 350 860 640 BITO Sample I.D to the 2 2 S 2 2 and any Ninca Onsley Dac Observed Temp. °C Corrected Temp. °C Fax #: Project Owner: State: NM Zip: Date: Time: Date: 9-22 Time: Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com tes, including without New war e shall be der by C (G)RAB OR (C)OMP Ul U **Received By** Received B ned waived **# CONTAINERS** 88240 \bigcirc GROUNDWATER ion, business unless made in writing and received by Cardinal WASTEWATER Cool Intact Sample Condition MATRIX SOIL OIL SLUDGE P.O. #: Attn: State: City: Company: Me v Souch Fax #: Phone Address: OTHER of use, PRESERV ACID/BASE shall R.065, C ICE / COOL # or loss of profits * CHECKED BY: BILL OTHER (Initials) Ø Zip: within 34-22 10:21 DATE 10 30 days after completion of the ap 11:40 ++++-5 SAMPLING by client, its subsidiaries 11:40 1:07 10:23 24:4 27:11 11:06 84.4 10:25 REMARKS: All Results are emailed. Please provide Email address TIME Thermometer ID #113 Correction Factor -0.5°C Turnaround Time: Verbal Result: 2 1 EXT TPH X Yes Justin BTEX Standard Rush X O No ANALYSIS Add'l Phone #: Ves Ves Bacteria (only) Sample Condition Cool Intact Observed Temp. Robbie REQUEST Corrected Temp. °C ĉ

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Page 49 of 158

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 5/9/2023 10:03:22 AM

101 East Marland, Hobbs, NM 88240	140	
(575) 393-2326 FAX (575) 393-2476	DIII	ANALYSIS REQUEST
Company Name: O. amond Back	BILL IV	
lanager:	Company: Mac Sonere	
State:	Zip: 58240 Attn: Lobbie	
Fax #:	Address:	
267	r: City:	
	State: Zip:	
Project Location: For wind ver	WAV C Phone #:	
3)	Fax #:	
	MATRIX PRESERV. SAMPLING	
Lab I.D. Sample I.D.	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	Y EXT TP Y BTC X
68180	1 × × Super 1:50 m	
1 2 0 2 8 3 1.1	1:52 An	
Ó	1:54pm	
15 CS 23 @ 4'		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for analyses. All claims including those for negligence and any other cause whatsoever shall be	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any clain arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicab pLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any clain arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicab analyses. All clains including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within 30 days after completion of the applicab analyses. All clains including those for negligence and any other cause whatsoever shall be deemed waved unless made in terruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	Jicable
Relinquished By: Date:	Received By:	Verbal Result: \Box Yes \Box No Addi Findine*. All Results are emailed. Please provide Email address: $\overline{Dason}/\overline{Justicks}$ / $\overline{Justicks}$ / $\overline{Lusticks}$ REMARKS:
(Circle O	3.8 Sample Condition CHECKED BY:	Standard Rush
	°C 2/S TYes Yes You Correction Factor	



Page 30 of 30



March 22, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 03/16/22 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WB 1 @ 6' (H221057-01)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	80.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.5	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WB 2 @ 6' (H221057-02)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	77.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.5	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WB 3 @ 6' (H221057-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	73.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.5	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WB 4 @ 6' (H221057-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	77.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	76.8	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WB 7 @ 6' (H221057-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	75.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.3	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WB 10 @ 6' (H221057-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/21/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.4	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WB 12 @ 6' (H221057-07)

BTEX 8021B	mg/	/kg	Analyze	ed By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	72.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	72.9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WB 13 @ 6' (H221057-08)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	70.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.2	% 59.5-14	2						

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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:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WB 14 @ 6' (H221057-09)

BTEX 8021B	mg	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	70.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	71.2	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WW 2 @ 0-6' (H221057-10)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	77.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	78.1	% 59.5-14	2						

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WW 3 @ 0-6' (H221057-11)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	84.4	% 59.5-14	2						

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

Received:	03/16/2022	Sampling Date:	03/16/2022
Reported:	03/22/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE		

Sample ID: WW 4 @ 0-6' (H221057-12)

BTEX 8021B	mg,	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	2.13	107	2.00	2.29	
Toluene*	<0.050	0.050	03/21/2022	ND	2.12	106	2.00	2.13	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	2.11	106	2.00	1.64	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	6.49	108	6.00	1.15	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	208	104	200	2.41	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	199	99.7	200	2.77	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	86.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.0	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CARDINA aboratories 101 East Marland, Hobbs, NM 88240

Address: City: Phone #:

H. 565

Fax #:

State: Nm Zip: 88240

Attn:

K0562C

Address:

Company: Mew Son

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P.O. #:

BILL TO

ANALYSIS REQUEST

Sampler Name:

FOR LAB USE ONLY

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H221057

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Lab I.D.

Project Location: Locats

Project Name:

Project #: 190c - 367

Project Manager:

Piamondbeck Tastin Roberty

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

Company Name:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 15 of 16

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e axclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the se whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable	d by the client for the r completion of the applicable		
ntal damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries	ilient, its subsidiaries,		
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€ @`\	Thermometer ID #113 Correction Factor -0.5°C		
\dagger Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	nges to celey.keene@car	rdinallabs	nm.com

Cool Intact □Yes□Yes □ No □ No

Corrected Temp. °C

Circle One) Observed Temp. °C 5/2	y: Date: Time:		Sy: Date: Verbal Results a All Results a	Tang those for negligence and any other cause whatsover shall be deerned wawed unless made inviting and received by Cardinal within 30 days after completion of the applicable Cardinal be liable for incidential to consequential emanges, including without imfation, business interruptions, isso of use, or to see of profits inclured by Cardinales, sing 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.	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	MB14006	NB1306	VB1206'	wo 10 00 6'	UBTOC'	100000	430 61	20 2 C	20 00 G1	Sample I.D.	1	Jason Oasler	on fors alace a		rc - 367 Project Owner:
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Sampler - UPS - Bus - Other:

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Delivered By: (Circle One)

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LEASE NOTE: Liability and

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including those for negligence ar

101 East Marland, Hobbs, NM 88240 aboratori ARDIN **П** И

Page 66 of 158

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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	-				Ď	r the	id by the client for) the amount pair thin 30 days after	shall be limited to d by Cardinal wit	tract or tort, s	r based in coni made in writing	rising whethe	any claim ai deemed wa	ent's exclusive remedy for cause whatsoever shall be	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, 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 anninable	Liability and Dama	PLEASE NOTE: analyses. All clain
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		 				· · · · ·		Zip:	ite:	State:						ame:	Project Name:
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							-		0. #:	P.O.		-		Roberts	Justin R	1 .	Froject Manager:
	REQUEST	ANALYSIS RE	Ą					BILL TO	BI			-	Pose	back lispon	Diamond 6		Company Name:
													2410	FAA (0/0) 303-24/0	575) 393-2326 F	()	



March 23, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC.

P. O. BOX 2491

HOBBS, NM 88241

RE: FOURTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 03/17/22 15:05.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	03/17/2022	Sampling Date:	03/17/2022
Reported:	03/23/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 8 @ 6' (H221068-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	1.79	89.6	2.00	14.1	
Toluene*	<0.050	0.050	03/21/2022	ND	1.87	93.5	2.00	10.5	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	1.84	91.8	2.00	9.94	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	5.95	99.2	6.00	10.3	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	206	103	200	3.12	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	219	109	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	91.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/17/2022	Sampling Date:	03/17/2022
Reported:	03/23/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 9 @ 6' (H221068-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2022	ND	1.79	89.6	2.00	14.1	
Toluene*	<0.050	0.050	03/21/2022	ND	1.87	93.5	2.00	10.5	
Ethylbenzene*	<0.050	0.050	03/21/2022	ND	1.84	91.8	2.00	9.94	
Total Xylenes*	<0.150	0.150	03/21/2022	ND	5.95	99.2	6.00	10.3	
Total BTEX	<0.300	0.300	03/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	206	103	200	3.12	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	219	109	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	102	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	118 9	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/17/2022	Sampling Date:	03/17/2022
Reported:	03/23/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 10 @ 6' (H221068-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.85	92.5	2.00	9.92	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	95.1	2.00	10.1	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.91	95.6	2.00	10.6	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.93	98.8	6.00	10.5	
Total BTEX	<0.300	0.300	03/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	206	103	200	3.12	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	219	109	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	106	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	122	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/17/2022	Sampling Date:	03/17/2022
Reported:	03/23/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 11 @ 6' (H221068-04)

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	03/22/2022	ND	1.85	92.5	2.00	9.92	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	95.1	2.00	10.1	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.91	95.6	2.00	10.6	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.93	98.8	6.00	10.5	
Total BTEX	<0.300	0.300	03/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
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	03/21/2022	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	03/21/2022	ND	206	103	200	3.12	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	219	109	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	96.0	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/17/2022	Sampling Date:	03/17/2022
Reported:	03/23/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 12 @ 6' (H221068-05)

BTEX 8021B	mg/	/kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.85	92.5	2.00	9.92	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	95.1	2.00	10.1	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.91	95.6	2.00	10.6	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.93	98.8	6.00	10.5	
Total BTEX	<0.300	0.300	03/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 69.9-14	0						
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	03/21/2022	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	03/23/2022	ND	206	103	200	3.12	
DRO >C10-C28*	<10.0	10.0	03/23/2022	ND	219	109	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/23/2022	ND					
Surrogate: 1-Chlorooctane	75.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.9	% 59.5-14	2						

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

Received:	03/17/2022	Sampling Date:	03/17/2022
Reported:	03/23/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 19 @ 6' (H221068-06)

BTEX 8021B	mg/	′kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.85	92.5	2.00	9.92	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	95.1	2.00	10.1	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.91	95.6	2.00	10.6	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.93	98.8	6.00	10.5	
Total BTEX	<0.300	0.300	03/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
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	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	206	103	200	3.12	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	219	109	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	86.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.4	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/17/2022	Sampling Date:	03/17/2022
Reported:	03/23/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 10 @ 4-6' (H221068-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.85	92.5	2.00	9.92	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	95.1	2.00	10.1	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.91	95.6	2.00	10.6	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.93	98.8	6.00	10.5	
Total BTEX	<0.300	0.300	03/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
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	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	206	103	200	3.12	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	219	109	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	99.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	114 9	59.5-14	2						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	03/17/2022	Sampling Date:	03/17/2022
Reported:	03/23/2022	Sampling Type:	Soil
Project Name:	FOURTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 11 @ 4-6' (H221068-08)

BTEX 8021B	mg/	/kg	Analyze	d By: MS∖					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2022	ND	1.85	92.5	2.00	9.92	
Toluene*	<0.050	0.050	03/22/2022	ND	1.90	95.1	2.00	10.1	
Ethylbenzene*	<0.050	0.050	03/22/2022	ND	1.91	95.6	2.00	10.6	
Total Xylenes*	<0.150	0.150	03/22/2022	ND	5.93	98.8	6.00	10.5	
Total BTEX	<0.300	0.300	03/22/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2022	ND	206	103	200	3.12	
DRO >C10-C28*	<10.0	10.0	03/21/2022	ND	219	109	200	3.74	
EXT DRO >C28-C36	<10.0	10.0	03/21/2022	ND					
Surrogate: 1-Chlorooctane	91.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	105 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Project Manager: City: Hobbs Address project #: noc-sc7 Project Name: Phone # Project Location: Sampler Name: FOR LAB USE ONLY 890024 Lab I.D. Relinquished B service. In no event shall Cardinal be liable for incider analyses. All claims including those for Relinquished By: LEASE NOTE: Liat Delivested By: (Circle One) aboratories 101 East Marland, Hobbs, NM 88240 JPS - Bus - Other: Vamora Justin (575) 393-2326 FAX (575) 393-2476 Fors -000 N J.L E C Sample I.D. 0 related to the negligence and any other Nine? al's liability and client's back Loberts 4-6 5 Project Owner: Fax #: State: Nm Zip: 88240 Observed Temp. °C r cause Corrected Temp. °C Date; 7-22 Timesos Date: Time: whats † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com New Wave ever shall be dee edy for any com (G)RAB OR (C)OMP without limitation, business inte NU # CONTAINERS emed waived 4.8 Received By **Received By** GROUNDWATER WASTEWATER unless made in writing and received by Cardinal within MATRIX Cool Intact Sample Condition SOIL × OIL SLUDGE P.O. #: Attn: Koboic Company: Mec Soule C City: State: Address Fax #: Phone #: ins, loss of use, or loss of profits incurred by client, its subsidiaries OTHER PRESERV. ACID/BASE KICE / COOL BILL OTHER CHECKED BY: any or un Zip: (Initials) 10 3-17-22 11:02 3+17-22 |1: When DATE ¢ SAMPLING 30 days after completion of the applicable 11:06 paid by the client for the \$0:11 11:04 11:10 11:12 11:14 TIME All Results are emailed. Please provide Email address: Verbal Result: Thermometer ID #113 Correction Factor -0.5°C Turnaround Time: REMARKS: Jason CL メ EXTTPH 1Justin Ves 7 BTEX Standard Rush O NO ANALYSIS Add'l Phone #: 36 K055, Bacteria (only) Sample Condition Cool Intact Observed Temp. REQUEST 0 ĉ ĉ

Received by OCD: 5/9/2023 10:03:22 AM

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June 23, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491

HOBBS, NM 88241

RE: FORTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 06/20/22 16:15.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	06/20/2022	Sampling Date:	06/20/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 24 @ 8' (H222628-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/21/2022	ND	1.97	98.6	2.00	3.10	
Toluene*	<0.050	0.050	06/21/2022	ND	2.14	107	2.00	3.49	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	2.05	103	2.00	3.13	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	6.09	101	6.00	2.34	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 69.9-14	0						
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	06/21/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	201	101	200	4.55	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	195	97.5	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	88.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.7	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2022	Sampling Date:	06/20/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 25 @ 8' (H222628-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2022	ND	1.97	98.6	2.00	3.10	
Toluene*	<0.050	0.050	06/21/2022	ND	2.14	107	2.00	3.49	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	2.05	103	2.00	3.13	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	6.09	101	6.00	2.34	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 69.9-14	0						
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	06/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	201	101	200	4.55	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	195	97.5	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	83.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	81.2	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2022	Sampling Date:	06/20/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 26 @ 8' (H222628-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2022	ND	1.97	98.6	2.00	3.10	
Toluene*	<0.050	0.050	06/21/2022	ND	2.14	107	2.00	3.49	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	2.05	103	2.00	3.13	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	6.09	101	6.00	2.34	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
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	06/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	201	101	200	4.55	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	195	97.5	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	84.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	82.3	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2022	Sampling Date:	06/20/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 27 @ 8' (H222628-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2022	ND	1.97	98.6	2.00	3.10	
Toluene*	<0.050	0.050	06/21/2022	ND	2.14	107	2.00	3.49	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	2.05	103	2.00	3.13	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	6.09	101	6.00	2.34	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
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	06/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	201	101	200	4.55	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	195	97.5	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	85.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.4	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2022	Sampling Date:	06/20/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 28 @ 8' (H222628-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2022	ND	1.97	98.6	2.00	3.10	
Toluene*	<0.050	0.050	06/21/2022	ND	2.14	107	2.00	3.49	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	2.05	103	2.00	3.13	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	6.09	101	6.00	2.34	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	201	101	200	4.55	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	195	97.5	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	89.1	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	88.0	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2022	Sampling Date:	06/20/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 29 @ 8' (H222628-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2022	ND	1.97	98.6	2.00	3.10	
Toluene*	<0.050	0.050	06/21/2022	ND	2.14	107	2.00	3.49	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	2.05	103	2.00	3.13	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	6.09	101	6.00	2.34	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 69.9-14	0						
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	06/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	201	101	200	4.55	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	195	97.5	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	88.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.4	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2022	Sampling Date:	06/20/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 30 @ 8' (H222628-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2022	ND	1.97	98.6	2.00	3.10	
Toluene*	<0.050	0.050	06/21/2022	ND	2.14	107	2.00	3.49	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	2.05	103	2.00	3.13	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	6.09	101	6.00	2.34	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	201	101	200	4.55	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	195	97.5	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	80.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	79.7	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/20/2022	Sampling Date:	06/20/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 36 @ 8' (H222628-08)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/21/2022	ND	1.97	98.6	2.00	3.10	
Toluene*	<0.050	0.050	06/21/2022	ND	2.14	107	2.00	3.49	
Ethylbenzene*	<0.050	0.050	06/21/2022	ND	2.05	103	2.00	3.13	
Total Xylenes*	<0.150	0.150	06/21/2022	ND	6.09	101	6.00	2.34	
Total BTEX	<0.300	0.300	06/21/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/21/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/21/2022	ND	201	101	200	4.55	
DRO >C10-C28*	<10.0	10.0	06/21/2022	ND	195	97.5	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	06/21/2022	ND					
Surrogate: 1-Chlorooctane	75.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	75.3	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by: One St. Sampler Name: Jason Overlay Far # Sampler Name: Jason Overlay Far # Far # Far # Sampler Name: Jason Overlay Far # Far # Far # Sampler Name: Jason Overlay Far # Far # Far # Sampler Name: Jason Overlay Far # Far # Far # Sampler Name: Jason Overlay Far # Far # Far # Sampler Name: Jason Overlay Far # Far # Far # Far # Sampler Name: Jason Overlay Far # Sample I.D. Sample I.D. Far # Far # Far	MOC-367	MOC-367	Phone #: (575)-392-9996	St	Address: 2525 NW County RD	Project Manager: Justin Roberts	Lucia Doborto	Company Name: DiamondBack Disposals	
Obse				State:				Disposal	(575) 393-2
Phone #: Fax #: Fax #:				NM ZIP: 88240				S	(575) 393-2326 FAX (575) 393-2476
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Page 11 of 11



June 24, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491

HOBBS, NM 88241

RE: FORTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 06/21/22 16:01.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EB 31 @ 8' (H222642-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/23/2022	ND	2.16	108	2.00	1.18	
Toluene*	<0.050	0.050	06/23/2022	ND	2.25	112	2.00	6.30	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.17	109	2.00	6.62	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.47	108	6.00	6.74	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	208	104	200	2.89	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	208	104	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	82.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	83.5	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EB 35 @ 8' (H222642-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.16	108	2.00	1.18	
Toluene*	<0.050	0.050	06/23/2022	ND	2.25	112	2.00	6.30	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.17	109	2.00	6.62	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.47	108	6.00	6.74	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	208	104	200	2.89	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	208	104	200	3.38	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	87.0	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	87.2	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EB 37 @ 8' (H222642-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.16	108	2.00	1.18	
Toluene*	<0.050	0.050	06/23/2022	ND	2.25	112	2.00	6.30	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.17	109	2.00	6.62	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.47	108	6.00	6.74	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	194	97.0	200	3.32	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	202	101	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	69.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.7	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EB 38 @ 8' (H222642-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.22	111	2.00	2.91	
Toluene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.07	103	2.00	2.47	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.39	107	6.00	1.66	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	194	97.0	200	3.32	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	202	101	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	80.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	92.0	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DiamondBack Disposals	-2476				
Project Manager: Justin Roberts		BILL TO		ANALYSIS	REQUEST
Address: 2525 NW County RD	5	P.O. #:	_		
State: NM		Company: Mewbourne	×		
75)-392-9996		Attn: Robbie Runnels		1	
Project #: MOC-367		Audress:			
ame:					
Project Location: Forty Niner New West	2	State: Zip:			
- Control Cont	×	Phone #:		3	
Sampler Name: Jason Owsley		Fax #:			
OR LAB USE ONLY					
Lab I.D.	MATRIX	PRESERV. SAMPLING	ING		
Sample I.D.	_	BASE:			
Choree	# CO GROL WAST SOIL OIL SLUD		TIME	EXT TDU DTEV	
EB35 0	c 1 x	X 6,	m X	X X	
EB37 @ 8	c 1 x	x 6/21/22			
C EB38 @ 8'		x 6/21/22	12:34pm x		
0 30 0000	c 1 x	x 6/21/22			
ALL IS NOTE. Lability and Damages. Cardina's lability and clerch are as an encode for one of the second sec				*	
out of or related to the performance of servi-	consequental damages, including without limitation, business interruptions, loss of ces hereunder by Cardinal, regardless of whether such claim is based upon any of	youry or the centrator the analyses. All claims including those for negligeno loss of use, or loss of profits incurred by client, its subsidiaries, any of the above stated reasons or otherwise.	negligence	her cause whatsoever shall be deemed wai	and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within 30 days after
	Received By:	A A	Verbal Result: All Results are emaile	Pres No Please provide Email addr	Verbal Result:
Date: Time:	Received By:	Q	REMARKS:		
Conserved Temp. °C 5. 70° Corrected Temp. °C 5. 70° Corrected Temp. °C 5. 70° Corrected Temp. °C 5. 70°	Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard Rush Cool Intact	Bacteria (only) Sample Condition	lon
FORM-006 R 3.2 10/07/21	No No	R	Thermometer ID #113 Correction Factor -0.5°C		Ves Ves
+	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm com	se email changes to cele	Vkeene@cardinallat		

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



June 24, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491

HOBBS, NM 88241

RE: FORTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 06/21/22 16:01.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 8 @ 0-8' (H222643-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.22	111	2.00	2.91	
Toluene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.07	103	2.00	2.47	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.39	107	6.00	1.66	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7	% 69.9-14	0						
Chloride, SM4500Cl-B	ide, SM4500Cl-B mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	194	97.0	200	3.32	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	202	101	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	78.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	89.6	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 9 @ 0-8' (H222643-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.22	111	2.00	2.91	
Toluene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.07	103	2.00	2.47	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.39	107	6.00	1.66	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	194	97.0	200	3.32	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	202	101	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	84.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.0	% 59.5-14	2						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 12 @ 0-8' (H222643-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.22	111	2.00	2.91	
Toluene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.07	103	2.00	2.47	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.39	107	6.00	1.66	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 69.9-14	0						
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	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	194	97.0	200	3.32	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	202	101	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	88.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 13 @ 0-8' (H222643-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.22	111	2.00	2.91	
Toluene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.07	103	2.00	2.47	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.39	107	6.00	1.66	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
hloride, SM4500Cl-B mg/kg		Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	194	97.0	200	3.32	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	202	101	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	83.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	95.9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 14 @ 0-8' (H222643-05)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.22	111	2.00	2.91	
Toluene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.07	103	2.00	2.47	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.39	107	6.00	1.66	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	194	97.0	200	3.32	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	202	101	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	84.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	97.9	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 15 @ 0-8' (H222643-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.22	111	2.00	2.91	
Toluene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.07	103	2.00	2.47	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.39	107	6.00	1.66	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/23/2022	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	194	97.0	200	3.32	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	202	101	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	81.5	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.2	% 59.5-14	2						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/21/2022	Sampling Date:	06/21/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 16 @ 6-8' (H222643-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.22	111	2.00	2.91	
Toluene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	3.09	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.07	103	2.00	2.47	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.39	107	6.00	1.66	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/23/2022	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	194	97.0	200	3.32	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	202	101	200	3.82	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	81.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	93.5	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	I NO NO STATUS Thermometer ID #113 Correction Factor -0.5°C	Observed Temp. °C Sample Condition CHECKED BY: Turnaround Time: Standard Bacteria (only) Sample Condition Ipler - UPS - Bus - Other: Corrected Temp. °C S-J 2 Cool Intact Cool Intact (Initials) Rush Cool Intact Bacteria (only) Sample Condition	W: C Time: 1601 SKOO KOULU	(1.2) Received By:	rising out of or related to the performance of services or uservices unranges, inguing without infratton, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	d Damages. Cardina's lability and client's exclusive remedy for any claim arising whether based in contract or tor, shall be limited to the amount pad by the client for the analyses. All claims including those for negligence and any other cause whatspeere shall be deemed variant inclusion and the cause whatspeere shall be deemed variant inclusion.		c 1 x 6/21/22 10:42am x x x	c 1 x 6/21/22	w 0-6 c 1 x 6/21/22 10.38am x x	c 1 x 6/21/22 10:36am x x	c 1 x 6/21/22 10:34am x x	c 1 x 6/21/22 10:32am x x	c 1 x 6/21/22 10:30am x x	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : ACID/BASE: ICE / COOL	Lab I.D. MATRIX PRESERV. SAMPLING	Sampler Name: Jason Owsley Fax #:	:#:	Project #: MOC-367 City:	Phone #: (575)-392-9996 Address:	City: Hobbs State: NM ZIP: 88240 Attn: Robbie Runnels	225 NW County RD Com	rts P.O. #:	Disposals BILL TO ANALYSIS	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	Laboratories
allabsnm.com	13 .5°C □ Ves □ Ves □ No □ Corrected Temp.*C	ndard Bacteria (only) Sample Intact Observed Temp. *C	railed. Prease provide Email address: Jason.Owsley.DB@gmail.com / yahoo.com / Justin / Robbie	Verbal Result: Verbal Result: Verbal Result: All Boulds on analised Branching Branc		any other cause whatsoever shall be deemed waived unless made in writing and readined to Court and the court of the second se								X	EXT			ň.						ANALYSIS REOLIEST		CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



June 23, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491

HOBBS, NM 88241

RE: FORTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 06/22/22 16:15.

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 accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EB 43 @ 9' (H222674-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/23/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/23/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	`						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EB 44 @ 8' (H222674-02)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS % Recover	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/23/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	06/23/2022	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	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	104	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	106	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EB 45 @ 3' (H222674-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/23/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	108	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	111 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EB 46 @ 4' (H222674-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/23/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	207	103	200	5.15	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	210	105	200	0.492	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	98.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: WB 5 @ 8' (H222674-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/23/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	203	102	200	0.662	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	193	96.4	200	0.829	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	101	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	107	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: WB 6 @ 8' (H222674-06)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/23/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	203	102	200	0.662	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	193	96.4	200	0.829	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	85.2	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	91.4	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: WB 9 @ 8' (H222674-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.24	112	2.00	3.59	
Toluene*	<0.050	0.050	06/23/2022	ND	2.21	111	2.00	3.99	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.09	105	2.00	3.26	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.50	108	6.00	3.33	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	203	102	200	0.662	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	193	96.4	200	0.829	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	93.4	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	99.5	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 SM4500CI-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Sampler - UPS - Bus - Other:	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)	Kelinquisiieu by.	Solidanished Ry:	Relinquished By:	attitudes of adoceaning out of a second	the applicable service. In no event shall Cardin	I FASE NOTE: Liability and Damages. Cardinal's lia				(a WB6 @)	5(-	4 EB46 @ 4	2 EB45 @ 3	D EB44 @ 8	- 0	s hunder	Lab I.D.	Sampler Name: Jason Owsley		Project Name:	Project #: MOC-367		Bhono #: (575)-302-0006	City: Hobbs	Address: 2525 NW County RD	Project Manager: Justin Roberts	Company Name: DiamondBack Disposals	10
9		Observed Temp. °C Corrected Temp. °C	Time:	Č	Time: 1 Jan	Date	The applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, reliable or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such daim is based upon reliable.	billy and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the			81	⁶	80	4'	3'	801	9'	Sample I.D.		sley	Forty Niner New Wave				×	State: NM ZIP: 88240	D	erts	ck Disposals	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
	(.6%	~		Rec	-	Bas	cluding without limitation, business interruptions, regardless of whether such claim is based upon	r based in co			с	c	с	с	c	с	с	(G)RAB OR (C)O	MP.											2476
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	R	CHECKED BY: (Initials)	(3		any of the above stated reasons or otherwise	paid by the client for the analyses. All claims including those for negligible of use or loss of profits incurred by client, its subsidiaries.			6/22/22	6/22/22	6/22/22	6/22/22	6/22/22	6/22/22	6/22/22	OTHER :		RV. SAMPLING		,	Zip:			Attn: Robbie Runnels	Company: Mewbourne		BILL TO	
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Page 10 of 10



June 23, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491

HOBBS, NM 88241

RE: FORTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 06/22/22 16:15.

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 accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 17 @ 0-8' (H222675-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/23/2022	ND	2.12	106	2.00	2.94	
Toluene*	<0.050	0.050	06/23/2022	ND	2.06	103	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.02	101	2.00	1.73	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.24	104	6.00	1.87	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 69.9-14	0						
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	06/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	203	102	200	0.662	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	193	96.4	200	0.829	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	96.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 18 @ 3-10' (H222675-02)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.12	106	2.00	2.94	
Toluene*	<0.050	0.050	06/23/2022	ND	2.06	103	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.02	101	2.00	1.73	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.24	104	6.00	1.87	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	203	102	200	0.662	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	193	96.4	200	0.829	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	93.7	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	102	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: EW 19 @ 0-3' (H222675-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.12	106	2.00	2.94	
Toluene*	<0.050	0.050	06/23/2022	ND	2.06	103	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.02	101	2.00	1.73	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.24	104	6.00	1.87	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
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	06/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	172	86.1	200	7.41	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	190	95.1	200	0.919	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	81.3	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	77.8	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/22/2022
Reported:	06/23/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE		

Sample ID: WW 5 @ 6-8' (H222675-04)

BTEX 8021B	mg,	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.12	106	2.00	2.94	
Toluene*	<0.050	0.050	06/23/2022	ND	2.06	103	2.00	3.13	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.02	101	2.00	1.73	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.24	104	6.00	1.87	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	06/23/2022	ND	416	104	400	3.77	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/22/2022	ND	172	86.1	200	7.41	
DRO >C10-C28*	<10.0	10.0	06/22/2022	ND	190	95.1	200	0.919	
EXT DRO >C28-C36	<10.0	10.0	06/22/2022	ND					
Surrogate: 1-Chlorooctane	70.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	66.8	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: DiamondBack Disposals Project Manager: Justin Roberts		BILL TO	0						
Project Manager: Justin Roberts					ANAL	ANALYSIS REQUEST			
	0	P.O. #:			-		-	_	_
Address: 2525 NW County RD		Company: Mewbourne	ne						
City: Hobbs State: NM ZIP: 88240		Attn: Robbie Runnels	S						
Phone #: (575)-392-9996		Address:							
Project #: MOC-367		City:							
Project Name:		State: Zip:							
Project Location: forty niner new wave		Phone #:							
Sampler Name: Jason Owsley		Fax #:							
	MATRIX	PRESERV. S	SAMPLING						_
JOMP.	ĒR								
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Note: Loncov service: Loncov service unavers exclusive memoly for any other straining whether entry and received by cardinal within 3 days after completion of 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 3 days after completion of Molecular service. In no event is liable for including without damages, including without the envourp and to loss of profits including the service here analyses. All claims including without the service of the service here analyses after completion of the service of the service hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.	t or tort, shall be limited to the amount pa limitation, business interruptions, lo hether such claim is based upon an	aid by the client for the analyses. All clain iss of use, or loss of profits incurred by ity of the above stated reasons or other	ms including those for neglige y client, its subsidiaries, rwise.	ence and any other cau	se whatsoever shall t	te deemed waived unless made in w	writing and received by Card	dinal within 30 days after c	completion of
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R † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	pt verbal changes. F	blease email changes t	to celey.keene@ca	ardinallabsnn	n.com				

Page 7 of 7

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



June 24, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491

HOBBS, NM 88241

RE: FORTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 06/23/22 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WB 8 @ 10' (H222700-01)

BTEX 8021B	mg/	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	QM-07, QR-03
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	QR-03
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	127 9	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WB 15 @ 10' (H222700-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	114 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	130	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 47 @ 10' (H222700-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	109	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	120	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 41 @ 10' (H222700-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					
Surrogate: 1-Chlorooctane	125	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	138	% 59.5-14	2						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 42 @ 10' (H222700-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	115	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	128	% 59.5-14	2						

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Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 40 @ 10' (H222700-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.0	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	116 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WB 11 @ 10' (H222700-07)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	114 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WB 16 @ 10' (H222700-08)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	85.9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	94.1	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 39 @ 10' (H222700-09)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	0.262	
Toluene*	<0.050	0.050	06/23/2022	ND	2.17	108	2.00	0.491	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.05	103	2.00	0.0975	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.34	106	6.00	0.708	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.3	% 69.9-14	0						
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	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	130	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	142	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 48 @ 10' (H222700-10)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	0.262	
Toluene*	<0.050	0.050	06/23/2022	ND	2.17	108	2.00	0.491	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.05	103	2.00	0.0975	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.34	106	6.00	0.708	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	90.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	48.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	120	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	130	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WB 17 @ 3' (H222700-11)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	0.262	
Toluene*	<0.050	0.050	06/23/2022	ND	2.17	108	2.00	0.491	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.05	103	2.00	0.0975	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.34	106	6.00	0.708	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	120	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	132	% 59.5-14	2						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 49 @ 3' (H222700-12)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	0.262	
Toluene*	<0.050	0.050	06/23/2022	ND	2.17	108	2.00	0.491	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.05	103	2.00	0.0975	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.34	106	6.00	0.708	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	96.6	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	101	% 59.5-14	2						

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Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

P	age	137 0	of 158	3
	Lat	CA		
	ora	RD		
	tories	INAL		

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-:	(575) 393-2326 FAX (575) 393-2476					
Company Name: DiamondBack Disposals	als		BILL TO		ANALYSIS	S REQUEST
Project Manager: Justin Roberts		P.O.	. #:	_	_	
Address: 2525 NW County RD		Cor	Company: Mewbourne			
City: Hobbs State:	: NM ZIP: 88240	Attr	Attn: Robbie Runnels		-	
Phone #: (575)-392-9996		Add	Address:			
Project #: MOC-367		City:				
Project Name:		State:	te: Zip:			
Project Location: Forty Niner New Wave	Ð	Pho	Phone #:			
Sampler Name: Jason Owsley		Fax #:	#:			2
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING			
Haganoo Sample I.D.	(G)RAB OR (C)(# CONTAINERS	GROUNDWATE WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE:	ICE / COOL OTHER :	TIME	EXT TPH BTEX	
/ WB8 @ 10'	c 1	X	x 6/23/22	9:30am x		
Z WB15 @10'	c 1	X		9:32am x	X X	
3 EB47 @10'	c 1	X	x 6/23/22	9:34am x	X X	
4 EB41 @ 10'	c 1	x	x 6/23/22	9:40am x	x x	
5 EB42 @ 10'	c 1	X	x 6/23/22	9:42am x	X X	
	c 1	x	x 6/23/22	11:24am x	X X	
7 WB11 @ 10'	c 1	x	x 6/23/22	11:26am x	X X	
8 WB16 @ 10'	c 1	x	x 6/23/22	11:28am x	X X	
9 EB39 @ 10'	c 1	x	x 6/23/22	1:20pm x	x x	
A RACE MOTE - I is hills and Dominant Destinate Salation and A fault and a	a normal for an electric set of the set of t		Read and the second sec			
A construction of the	re remedy for any claim ansing whether based in contract ntal or consequental damages, including without it f services hereunder by Cardinal, regardless of wh	or tort, shall be limited to the amount paid by the c mitation, business interruptions, loss of use ether such claim is based upon any of the a	sent for the analyses. All claims including , or loss of profits incurred by client, its s above stated reasons or otherwise.	those for negligence and any outpoint any outpoint any outpoint any outpoint any outpoint a	other cause whatsoever shall be deeme	applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including think to be amound by the deart of 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 ays after completion of a policable service. In no event shall be deemed waived unless made in writing and received by Cardinal within 30 ays after completion of a policable 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, and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 ays after completion of services are services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.
023 19 elinquished By:	Time; 600	ed By:	Make	Verbal Result:	Verbal Result:	Verbal Result: □ Yes □ No
: 5/9/alinquished By:	Date: Received By: Time:	ed By:	2	REMARKS:		
Gampler - UPS - Bus - Other:	Corrected Temp. °C 2, 7	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard Rush y Cool Intact	ard Bacteria (only) Sample Condition act Observed Temp. "C	Condition
eivea L		No No	40	Thermometer ID #113 Correction Factor -0.5°C		Ves Yes No No Corrected Temp. *C
FORM-006 R 3.2 10/07/21	+ Cardinal cannot acce	Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com	e email changes to celey	.keene@cardinalla	absnm.com	

Released to Imaging: 9/25/2023 2:14:41 PM

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Rec	eived by FORM-006 R 3.2 10/07/21	Outpler - UPS - Bus - Ot	5/9/	inquished By:	310.	Cinquished By:	Applicable service. In no event shall				N	EB4	XI WB	10 EB4	Haaa700	Lab I.D.	Sampler Name: Jasc				Phone #: (575)-392-9996	City: Hobbs	Address: 2525 NW County RD	Project Manager: Justin Roberts	Providenty Maille, Diamondback Disposais	Company Name Dia
+	107/21	her: Corrected Temp. °C J./		Date:	Time	the provide services arrang out of of related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the door so so to row subard reasons or otherwise	CAVEE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any claim arising whether based in contrast or text, shall be limited to the amount paid by the client for the Rev picture service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions to an one or Review or announce of the service.			a papa	To: 12/17	EB49 @ 3'	WB17 @ 3'	EB48 @ 10'	Sample I.D.		Jason Owsley	Forty Niner New Wave		MOC-367	96	State: NM		tin Roberts	nondback Disposals	(575) 393-2326 FAX (575) 393-2476
inal cannot acce		La La	\$ \$ }	Receiv	S	by Cardinal, regardless of w	arising whether based in contrac Jamages, including without I				C		2 4	c 1	(G)RAB OR (C)OMP.							ZIP: 88240				(575) 393-2476
pt verbal changes. Pl	I NO NO	Cool Intact		Received By:	Received by:	mether such claim is based upon any	ct or tort, shall be limited to the amount paid limitation, business interruptions loss				X			V	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	MATRIX										
Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	, .	CHECKED BY: (Initials)		W banz	Mark o	any of the above stated reasons or otherwise.	by the client for the analyses. All claims inc				x 6/23/22				DTHER : ACID/BASE: CE / COOL DTHER : DATE	PRESERV. SAMPLING	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn: Robbie Runnels	Company: Mewbourne	P.O. #:	BILL TO	
ley.keene@cardina	Thermometer ID #113 Correction Factor -0.5°C	Turnaround Time: Sta Rush IV Cool		REMARKS:	Verbal Result: All Results are em		negligenc				1:32pm x	1:30pm x	1:22pm x	+		LING										
allabsnm.con	#113 -0.5°C	Standard Bacteria (or Cool Intact Observed Temp. °C		/anoo.com / Ju	□ Yes □ N ailed. Please		any other cause what			-	X	X	X		CI TPH									_		
		Bacteria (only) Sample Condition Id Temp. °C		stin / Robbie	o // // // // // // // // // // // // //		soever shall be deemed waiv				X	Х	x	DIEA	RTEV										ANALYSIS	
	Ves Yes	01			Verbal Result: Verbal Result: Verbal Results are emailed. Please provide Email address: Jason.Owsley.DB@gmail.com/		a and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within																		REQUEST	
	n				om /		ardinal within 30 days after completion of																			

Page 16 of 16

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June 24, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491

HOBBS, NM 88241

RE: FORTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 06/23/22 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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 1 @ 0-6' (H222701-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	0.262	
Toluene*	<0.050	0.050	06/23/2022	ND	2.17	108	2.00	0.491	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.05	103	2.00	0.0975	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.34	106	6.00	0.708	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	32.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	115 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	125	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 6 @ 3-8' (H222701-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	0.262	
Toluene*	<0.050	0.050	06/23/2022	ND	2.17	108	2.00	0.491	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.05	103	2.00	0.0975	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.34	106	6.00	0.708	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.4	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	117 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	128	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 7 @ 8-10' (H222701-03)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	0.262	
Toluene*	<0.050	0.050	06/23/2022	ND	2.17	108	2.00	0.491	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.05	103	2.00	0.0975	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.34	106	6.00	0.708	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	100	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	108	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 8 @ 3-10' (H222701-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	0.262	
Toluene*	<0.050	0.050	06/23/2022	ND	2.17	108	2.00	0.491	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.05	103	2.00	0.0975	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.34	106	6.00	0.708	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/24/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	103 9	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	115 9	% 59.5-14	2						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 9 @ 3-10' (H222701-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	0.262	
Toluene*	<0.050	0.050	06/23/2022	ND	2.17	108	2.00	0.491	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.05	103	2.00	0.0975	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.34	106	6.00	0.708	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	06/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	95.8	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	104	% 59.5-14	2						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager


Analytical Results For:

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

Received:	06/23/2022	Sampling Date:	06/23/2022
Reported:	06/24/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 10 @ 0-3' (H222701-06)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2022	ND	2.20	110	2.00	0.262	
Toluene*	<0.050	0.050	06/23/2022	ND	2.17	108	2.00	0.491	
Ethylbenzene*	<0.050	0.050	06/23/2022	ND	2.05	103	2.00	0.0975	
Total Xylenes*	<0.150	0.150	06/23/2022	ND	6.34	106	6.00	0.708	
Total BTEX	<0.300	0.300	06/23/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.1	% 69.9-14	10						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2022	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	232	116	200	12.7	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	233	116	200	17.9	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					
Surrogate: 1-Chlorooctane	115	% 66.9-13	6						
Surrogate: 1-Chlorooctadecane	126	% 59.5-14	12						

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*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 FAX (575) 393-2476	5) 393-2476			
Company Name: DiamondBack Disposals		BILL TO	ANALYSIS	YSIS REQUEST
Project Manager: Justin Roberts		P.O. #:		
Address: 2525 NW County RD		Company: Mewbourne		
City: Hobbs State: NM ZIP: 8	ZIP: 88240	Attn: Robbie Runnels		
Phone #: (575)-392-9996		Address:		
Project #: MOC-367		City:		
Project Name:		State: Zip:		
Project Location: Forty Niner New Wave		Phone #:		
Sampler Name: Jason Owsley		Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	6	
Lab I.D.	TER			
Haaano I	(G)RAB OR ((# CONTAINE GROUNDWAT WASTEWATE SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TIME CL TPH BTEX	
WW1 @ 0-6'	c 1 x	x 6/23/22	8:00am x x x	
	c 1 x	x 6/23/22	8:02am x x x	
3 WW7 @ 8-10'	c 1 x	x 6/23/22	11:50am x x x	
4 WW8 @ 3-10'	c 1 x		1:24pm x x x	
S W W 9 (0) 3-10	c 1 X	X 6/23/22	1:26pm X X X	
6 WW10 @ 0-3'	c 1 x	x 6/23/22	1:34pm x x x	
mages. event : g out o	Cardna's lability and den'ts exclusive emergly for any claim asimg wether based in contract or tot, shall be limited to the amount paid by the shall Cardinal be liable for incidential or consequential damages, including without limitation, business interruptions, loss of us of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the for related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the	y the client for the analyses. All claims includir of use, or loss of profits incurred by client, its of the above stated reasons or otherwise.	neglige	nce and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion
Date: Time:	3-22 Received By:	Waller	Verbal Result: Verbal Result: □ Yes □ No [Add'I Phone #: All Results are emailed. Please provide Email address: Jason.Owsley.DB@gmail.com / yessi_diamond@yahoo.com / Justin / Robbie	
5/9/2 Date: Date: Time:	Received By:		REMARKS:	
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+	Cardinal cannot accept verbal changes. Please email changes to celey keene@ci	ease email changes to cele	, ey.keene@cardinallabsnm.com	х

Page 9 of 9



June 27, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491

HOBBS, NM 88241

RE: FORTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 06/24/22 12:42.

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 accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/24/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 32 @ 10' (H222717-01)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 69.9-14	0						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	06/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2022	ND	187	93.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	200	100	200	9.08	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					
Surrogate: 1-Chlorooctane	110	% 43-149)						
Surrogate: 1-Chlorooctadecane	132	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/24/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 33 @ 10' (H222717-02)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.5	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	06/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2022	ND	187	93.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	200	100	200	9.08	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					
Surrogate: 1-Chlorooctane	108	% 43-149							
Surrogate: 1-Chlorooctadecane	131	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/24/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	** (See Notes)
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 34 @ 10' (H222717-03)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.17	108	2.00	1.15	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	1.10	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	2.02	101	2.00	1.72	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.30	105	6.00	2.16	
Total BTEX	<0.300	0.300	06/24/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 69.9-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/27/2022	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/25/2022	ND	187	93.6	200	2.08	
DRO >C10-C28*	<10.0	10.0	06/25/2022	ND	200	100	200	9.08	
EXT DRO >C28-C36	<10.0	10.0	06/25/2022	ND					
Surrogate: 1-Chlorooctane	97.8	% 43-149)						
Surrogate: 1-Chlorooctadecane	115 9	42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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г ОКМ-000 К 3.2 10/0//21		One) - Other:	,	TH C	N	out of or related to the performance of	ages. Cardinal's liability and client's exclusiv rent shall Cardinal he liable for inciden						EB34 @ 10'	EB33 @ 10'	EB32 @ 10'		-	Sample I.D.		Jason Owsley	· · · · · ·		MOC-367	12-9996	State:	N County RD	Justin Roberts	Company Name: DiamondBack Disposals	101 East Ma (575) 393-
† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com		Observed Temp. °C 20.3 Corrected Temp. °C 19,8		242	e'	ter by Cardinal, rega	e remedy for any claim arising whether base														e				: NM ZIP: 88240			als	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
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y.keene@card	Thermometer ID #113 Correction Factor -0.5°C	Turnaround Time: Rush	REMARKS:	Air Results are emailed. Please provide Email yessi_diamond@yahoo.com / Justin / Robbie	Verbal Result: Ves No Add'I Phone #:	subsidiaries,	ig those for negligence a							8:02am x	8:00am x	TIME			- G										
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Page 153 of 158



June 27, 2022

JUSTIN ROBERTS DIAMONDBACK DISPOSAL SERVICE INC. P. O. BOX 2491

HOBBS, NM 88241

RE: FORTY NINER NEW WAVE

Enclosed are the results of analyses for samples received by the laboratory on 06/24/22 16:17.

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 accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	06/24/2022	Sampling Date:	06/24/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	FORTY NINER NEW WAVE	Sampling Condition:	Cool & Intact
Project Number:	MOC - 367	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EB 41 @ 10' 6" (H222726-01)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/25/2022	ND	1.98	98.8	2.00	5.33	
Toluene*	<0.050	0.050	06/25/2022	ND	1.93	96.6	2.00	5.20	
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.81	90.5	2.00	5.45	
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.61	93.5	6.00	5.28	
Total BTEX	<0.300	0.300	06/25/2022	ND					
Surrogate: 4-Bromofluorobenzene (PID	85.1	% 69.9-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/27/2022	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/27/2022	ND	189	94.7	200	0.0412	
DRO >C10-C28*	<10.0	10.0	06/27/2022	ND	198	98.9	200	0.558	
EXT DRO >C28-C36	<10.0	10.0	06/27/2022	ND					
Surrogate: 1-Chlorooctane	112 9	% 43-149	1						
Surrogate: 1-Chlorooctadecane	130	% 42.5-16	1						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		
Company Name: DiamondBack Disposals	BILL TO	ANALYSIS REQUEST
Project Manager: Justin Roberts	P.O. #:	
Address: 2525 NW County RD	Company: Mewbourne	
City: Hobbs State: NM ZIP: 88240	Attn: Robbie Runnels	
Phone #: (575)-392-9996	Address:	
Project #: MOC-367	City:	
ame:	State: Zip:	
Project Location: Forty Niner New Wave	Phone #:	
Sampler Name: Jason Owsley	Fax #:	
	PRESERV SAMPLING	
		÷
(G)RAB OR (C)OF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TIME CL TPH BTEX
1 x	X	3:00pm x x x
LEASE NOTE: Liability and Damages. Cardnal's liability and client's exclusive remedy for any claim arising whether based in contract or bot, shall be limited to the amount paid by the client for the analyses. All claims including those for r vice applicable services. 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, "Initialities 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.	ad by the client for the analyses. All claims including those for neglig oss of use, or loss of profits incurred by client, its subsidiaries, my of the above stated reasons or otherwise.	ling those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received up various writing with or way a write or subsidiaries, subsidiaries,
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		REMARKS:
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R FORM-006 R 3.2 10/07/21 † Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	Please email changes to cel	ley.keene@cardinallabsnm.com
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† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Page 4 of 4

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

Operator:	OGRID:
MEWBOURNE OIL CO	14744
P.O. Box 5270	Action Number:
Hobbs, NM 88241	215095
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created B	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2135156642 FORTY NINER RIDGE UNIT #116H FRAC LINE, thank you. This closure is approved.	9/25/2023

Action 215095